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QUARTERLY**

Catalogue Number

FOR THE SCHOOL YEAR

1934-1935

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PROVO, UTAH



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1935

JANUARY							APRIL							JULY							OCTOBER								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
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MARCH							JUNE							SEPTEMBER							DECEMBER								
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1935

JANUARY							APRIL							JULY							OCTOBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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FEBRUARY							MAY							AUGUST							NOVEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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MARCH							JUNE							SEPTEMBER							DECEMBER							
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24	25	26	27	28	29	30	23	24	25	26	27	28	29	29	30						29	30	31					
31							30																					

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EDWARD H. HOLT, Secretary-Treasurer	

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STEPHEN L. CHIPMAN	

University Calendar

1934

AUTUMN QUARTER

September 10—Training Schools begin.

September 17—First Faculty Meeting.

September 21 and 22—Registration days. Freshman instructions and examinations.

September 24—Registration continued.

September 25—Instruction begins.

October 16—Founder's Day.

November 28 to December 3 (Wednesday evening until Monday morning)—Thanksgiving Recess.

December 21—Autumn Quarter closes.

1935

January 7—Winter Quarter begins.

January 28 to February 1—Leadership Week.

March 22—Winter Quarter closes.

SPRING QUARTER

March 25—Spring Quarter begins.

June 2—Baccalaureate services.

June 4—Alumni Reunions.

June 5—Fifty-Eighth Commencement Exercises.

June 10—Summer Quarter begins.

Administrative Officers

Franklin S. Harris.....	President
Kiefer B. Sauls.....	Secretary to the President
	Purchasing Agent
Edward H. Holt.....	Secretary-Treasurer
Carma Ballif.....	Assistant in Secretary's Office
John E. Hayes.....	Registrar
Christen Jensen	Dean of the Graduate School
Carl F. Eyring.....	Dean of the College of Arts and Sciences
Herald R. Clark.....	Dean of the College of Commerce
Amos N. Merrill.....	Acting Dean of the College of Education
Gerrit de Jong, Jr.....	Dean of the College of Fine Arts
Lowry Nelson....	Dean of the College of Applied Science
	Director Extension Division
Hugh M. Woodward.....	Dean of the Summer Session
Nettie Neff Smart.....	Dean of Women
Lloyd L. Cullimore.....	Medical Director
Edgar M. Jensen.....	Director Training Schools
Anna Ollorton	Librarian

The Faculty*

FRANKLIN STEWART HARRIS.....President

B. S. Brigham Young University, 1907; Ph. D., Cornell University, 1911; Student University of Paris, 1927; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1907-08; Professor of Agronomy, Utah Agricultural College and Agronomist Utah Experiment Station, 1911-21; Director School of Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921-.

JOHN C. SWENSON.....Professor of Economics and Sociology

A. B., Stanford University, 1898; M. A., Columbia University, 1921; Graduate work, Columbia University, Summer of 1924; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-1900; Dean of College of Education, 1921-24; Professor of Economics and Sociology, 1906—.

CHARLES E. MAW.....Professor of Chemistry

A. B., Stanford University, 1903; S. M., University of Chicago, 1916; Ph. D., Stanford University, 1924; Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry, Brigham Young University, 1903—.

ALFRED OSMOND.....Professor of English, Emeritus

A. B., Harvard University, 1903; M. A., Columbia University, 1920; Graduate work, University of Chicago; Columbia University; Professor of English, Brigham Young University, 1903—.

CHRISTEN JENSEN.....Professor of History and Political Science, Dean of Graduate School

A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago, 1921; Graduate work, University of California; Study in Europe, 1928; Assistant Professor of History and Political Science, Brigham Young University, 1908-11;

*The University Council consists of the President and all members of the faculty with the rank of professor, associate professor, or assistant professor.

Professor, 1911—; Acting Dean College of Applied Science, 1924-29; Dean Graduate School, 1929—.

ELBERT H. EASTMOND.....Professor of Art

Diploma in Normal Art and Manual Training, Pratt Institute, 1902; B. Pd., Brigham Young University, 1906; Graduate Work, California School of Fine Arts, University of California; California School of Arts and Crafts; Rionido School of Art, University of Washington; European Travel Study; Professor of Art, Brigham Young University, 1904—.

**AMOS N. MERRILL.....Professor of Secondary Education
Acting Dean of College of Education**

B. S., Utah Agricultural College, 1896; M. S., University of Illinois, 1908; Ph. D., Stanford University, 1926; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University, 1910-22; Dean of Church Teachers' College, 1917-23; Professor of Secondary Education and Supervisor of Secondary Training, 1924—.

**EDWARD H. HOLT.....Professor of Office Practice
Secretary of the Faculty**

B. Pd., Brigham Young University, 1895; Assistant Professor of Business Education, 1895-1902; Professor of Business Education, 1902-21; Professor of Office Practice, 1921—.

ALICE L. REYNOLDS.....Professor of English Literature

A. B., Brigham Young University, 1910; Graduate work, University of London, 1911; Two years Graduate work, European Universities; University of Chicago; University of California, 1923; Columbia University, 1932-33; Instructor in English, Brigham Young University, 1894-1911; Professor of English Literature, Brigham Young University, 1911—.

**CARL F. EYRING.....Professor of Physics and Mathematics
Dean of the College of Arts and Sciences**

A. B., Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Research Specialist, Bell Telephone Laboratories, 1929-31; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17;

Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.

VILATE ELLIOTT.....Professor of Home Economics

B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute; Student State Normal School Santa Barbara, California; University of Chicago; Study in Europe, 1924-25; Floating University, 1930-31; Professor of Home Economics, Brigham Young University, 1908—.

BENJAMIN F. CUMMINGS.....Professor of Modern and Classical Languages

A. B., University of Utah, 1913; Graduate work, University of Utah; University of Chicago; Stanford University; University of Paris; Instructor Modern Languages, Latter-day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920—.

FLORENCE JEPPELSON MADSEN.....Professor of Music

B. M., Chicago Musical College, 1926; M. M., 1927; Doctor of Music, Boguslawski College of Music, 1932; A. B., Brigham Young University, 1934; Graduate Work in Music, New England Conservatory of Music; Director, Vocal Department, Lasalle Seminary, Boston, 1911-16; Instructor in Vocal Art, L. D. S. School of Music and Weber College, 1916-18; Instructor in Music, Chicago Musical College, Summers of 1927-28; Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920—.

THOMAS L. MARTIN.....Professor of Agronomy

A. B., Brigham Young University, 1912; Ph. D., Cornell University, 1919; Study in Europe, 1930; Principal, Big Horn Academy, 1912-15; Emery Stake Academy, 1916-17; Millard Academy, 1919-21; Instructor in Soils, Cornell University, 1917-19; Professor of Agronomy, Brigham Young University, 1921—.

HUGH M. WOODWARD.....Professor of Philosophy of Education, Dean of Summer Session

A. B., Brigham Young University, 1911; M. A., University of Utah, 1918; Ph. D., University of California, 1920; Principal, St. George Academy, 1911-14; President Dixie Normal College, 1914-20; Professor

of Education, University of Washington, Summer of 1925; Professor on University Afloat, 1928-29; Professor of Philosophy of Education, Brigham Young University, 1921—; Dean of Summer Session, Brigham Young University, 1921-27; 1930—.

WILLIAM J. SNOW.....Professor of History

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Principal, Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

T. EARL PARDOE.....Professor of Speech

Graduate of Leland Powers School, 1913; A. B., Brigham Young University, 1925; M. A., University of Southern California, 1932; Graduate Work, Columbia University; Speech Correction, University of Southern California; Head of Department of Dramatic Art and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public Speaking and Dramatic Art, Brigham Young University, 1920-22; Professor of Speech, 1922—.

M. WILFORD POULSON.....Professor of Psychology

A. B., Brigham Young University, 1914; M. A., University of Utah, 1919; Graduate Work, University of Chicago, two years from 1916 to 1925; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor of Education, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

VASCO M. TANNER.....Professor of Zoology and Entomology

A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford University, 1925; Head of Department of Biology, Dixie College, 1916-18, 1920-24; Professor of Zoology and Entomology, Brigham Young University, 1925—.

**HERALD R. CLARK.....Professor of Finance and Banking
Dean of the College of Commerce**

A. B., Brigham Young University, 1918; M. B. A., University of Washington, 1924; Graduate Work, Ohio State University; Instructor in Accounting, Brigham Young University, 1913-17; Assistant Professor of Finance and Banking, 1917-27; Associate Professor of Finance and Banking, 1927-28; Professor, 1928—; Dean College of Commerce, 1934—.

PARLEY A. CHRISTENSEN.....Professor of English

B. S., Utah Agricultural College, 1914; A. M., Stanford University, 1925; Ph. D., Stanford University, 1927; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927-28; Professor, 1928—.

**G. OTT ROMNEY.....Professor of Physical Education
and Director of Athletics**

A. B., University of Utah, 1912; M. A., University of Utah, 1913; B. S., Montana State College, 1916; Graduate Work, Harvard University, Graduate School of Business Administration; Athletic Coach and Instructor, Billings (Montana) High School, 1916-1918; Director Physical Education and Athletic Coach, East Salt Lake High School, 1919-1922; Director of Athletics, Professor of Physical Education and Vice-Dean of Men, Montana State College, 1922-28; Instructor (History, Government, Economics) Montana State Normal College, Summers of 1926-27-28; Professor of Physical Education and Director of Athletics, Brigham Young University, 1928—.

**GERRIT de JONG, JR.....Professor of Modern Languages
Dean of College of Fine Arts**

A. B., University of Utah, 1920; M. A., 1925; Ph. D., Stanford University, 1934; Graduate work, National University of Mexico; University of Munich; Stanford University; Instructor Murdock Academy, 1916-18; Instructor, Latter-day Saints University, 1919-25; Associate Professor of Modern Languages, Brigham Young University, 1925-29; Professor 1929—; Dean of College of Fine Arts, Brigham Young University, 1925—.

**LOWRY NELSON.....Professor of Rural Social Economics
Dean College of Applied Science
Director of Extension Division**

B. S., Utah Agricultural College, 1916; M. S., University of Wisconsin, 1924; Ph. D., University of Wisconsin, 1929; Director of Extension Division, Brigham Young University, 1921—; Assistant Professor of Sociology, 1924-27; Associate Professor of Sociology, 1927-29; Professor of Rural Social Economics and Dean of College of Applied Science, Brigham Young University, 1929—.

- GEORGE H. HANSEN**.....**Professor of Geology and Geography**
 B. S., Utah Agricultural College, 1918; M. S., George Washington University, 1925; Ph. D., George Washington University, 1927; Field Work with U. S. Geological Survey, Summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Assistant Professor of Geology and Geography, Brigham Young University, 1927-29; Professor of Geology and Geography, 1929—.
- ELMER MILLER**.....**Professor of Economics**
 A. B., Stanford University, 1914; Graduate work, Stanford University; University of Chicago; University of California; Instructor Dixie Normal College, 1911-12; Superintendent Alpine School District, 1922-25; Associate Professor of Economics, Brigham Young University, 1923-29; Professor of Economics, 1930—.
- MILTON MARSHALL**.....**Professor of Physics**
 A. B., Brigham Young University, 1918; Ph. D., University of Chicago, 1924; Instructor of Physics, Brigham Young University, 1919-21; Assistant Professor, 1924-27; Associate Professor, 1927-30; Professor, 1930—.
- GUY C. WILSON**.....**Professor of Religious Education**
 B. Pd., Brigham Young University, 1900; Graduate work, Brigham Young University, University of Utah, University of Chicago, Columbia University; Instructor, Brigham Young University, 1896-97; Principal Juarez Stake Academy, 1897-1912; Teacher of Granite Seminary, 1913-15; President Latter-day Saints University, 1915-26; Supervisor of Religious Education, 1926-30; Professor of Religious Education, Brigham Young University, 1930—.
- BENT F. LARSEN**.....**Professor of Art**
 A. B., Brigham Young University, 1912; M. A., University of Utah, 1922; Graduate work, University of Chicago, Art Institute of Chicago, Academie Julian, Paris, Academie Colarossi, Paris, Academie de La Grande Chaumiere, Paris; Student in Europe for sixteen months, 1929-30, with George Elmer Brown Art Group and in the Academie Andre' L'Hote; Supervisor of Art, B. Y. U. Training School, 1908-12; Associate Professor of Art, 1912-1931; Professor of Art, 1931—.
- LEROY J. ROBERTSON**.....**Professor of Music**

Graduate of New England Conservatory of Music, 1923; A. B., Brigham Young University, 1932; M. A., Brigham Young University, 1932; Study in Europe, 1932-33; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927-31; Professor of Music, 1931—.

HARRISON R. MERRILL.....Professor of Journalism

B. S., Utah Agricultural College, 1916; M. S., Pulitzer School of Journalism, Columbia University, 1930; Graduate work, Utah Agricultural College, Brigham Young University, Medill School of Journalism, Northwestern University, 1927; Instructor in English, Oneida Academy, 1912-20; Instructor in English, Brigham Young University, 1921-23; Assistant Professor, 1923-29; Associate Professor of English, 1930-31; Professor of Journalism, 1931—.

FRANKLIN MADSEN.....Professor of Music

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; from the Chicago Musical College: Graduate Diploma, 1925; Teachers' Certificate in Vocal Art and Singing, 1927; B. M., 1926; M. M., 1927; B. M. E., 1928; Mus. Doc., 1929; M. M. E. (Master of Music Education), 1932; Honorary Doctor of Music Education from Bogulawski College of Music, 1933; Instructor Chicago Musical College, Summers of 1927-32, and the winter of 1927-28; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924-30; Associate Professor of Music, 1930-31; Professor of Music, 1931—.

ASAE C. LAMBERT.....Professor of Educational Administration

B. S., Brigham Young University, 1925; M. S., 1926; Graduate work, Stanford University; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal, University High School, 1926-28; Assistant Professor of Secondary Teaching, 1927-32; Associate Professor, 1932-34; Professor of Educational Administration, 1934—.

LAVAL S. MORRIS.....Professor of Landscape Architecture

B. S., Utah Agricultural College, 1923; M. S., Michigan State College, 1926; Graduate work, University

of Southern California, Cornell University, Harvard 1930-33; Instructor in Horticulture, Brigham Young University, 1923-26; Assistant Professor, 1926-31; Associate Professor, 1931-34; Professor of Landscape Architecture, 1934—.

GEORGE STEWART.....Special Professor of Agronomy

B. S., U. S. A. C., 1913; M. S., Cornell University, 1918; Ph. D., University of Minnesota, 1926; Professor of Agronomy, U. S. A. C., 1919-1930; Senior Ecologist, Branch Research U. S. Forest Service, 1930—; Special Professor of Agronomy, Brigham Young University, 1932—.

LLOYD L. CULLIMORE.....Medical Director

B. S., University of Utah, 1922; M. D., George Washington Medical College, 1925; Instructor in Physiology, George Washington Medical College, 1925-26; Instructor in Health Education, Brigham Young University, 1927; Assistant Medical Director, 1928-29; Medical Director, 1929—.

L. WESTON OAKS.....Associate Medical Director

M. D., Jefferson Medical College, 1919; Graduate work, Colorado Congress Otolaryngology, Denver, Summers of 1923, 1924, and 1925; Assistant Medical Director, Brigham Young University, 1924-1925; Medical Director, 1925-29; Associate Medical Director, 1929—.

HORACE G. MERRILL.....Associate Medical Director

A. B., Brigham Young University, 1914; M. D., Jefferson Medical College, 1908; F. A. C. S., American College of Surgeons, 1922; Graduate work, University of Edinburgh, University of Pennsylvania; North Chicago Hospital; Associate Medical Director, Brigham Young University, 1922—.

ROBERT SAUER.....Associate Professor of Music

Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago, 1905; Instructor of Music, Brigham Young University, 1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924—.

J. MARINUS JENSEN..... Associate Professor of English

A. B., Brigham Young University, 1912; M. A.,

University of Chicago, 1919; Graduate work, University of California, Stanford University, Columbia University; Instructor in English, Brigham Young University, 1910-19; Assistant Professor of English, 1919-21; Associate Professor, 1921—.

JOSEPH SUDWEEKS.....Associate Professor of Educational Administration

B. S., University of Idaho, 1912; M. A., University of Chicago, 1920; Ph. D., University of Wisconsin, 1925; Instructor and Supervisor of Training, U. S. Veterans' Bureau, University of Idaho, 1920-23; Assistant in Department of Education, University of Idaho, 1920-21; Assistant Professor of Educational Administration, Brigham Young University, 1925-27; Associate Professor, 1927—.

CLARENCE S. BOYLE.....Associate Professor of Accounting and Business Administration

B. S., Brigham Young University, 1924; M. S. in Retailing, New York University, 1926; Graduate work, New York University, 1926-27; Associate Professor of Accounting and Business Administration, Brigham Young University, 1927—.

EFFIE WARNICK.....Associate Professor of Home Economics

B. S., Utah Agricultural College, 1914; Graduate work, Columbia University, University of California, University of Chicago; Instructor, Branch Agricultural College, 1914-15; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; in Household Administration, 1923-27; Assistant Professor, 1927-30; Associate Professor, 1930—.

WAYNE B. HALESAssociate Professor of Physics and Mathematics

A. B., Brigham Young University, 1916; M. A., University of Utah, 1922; Ph. D., California Institute of Technology, 1926; Head of Physics and Mathematics Department, Ricks College, 1916-21; President Snow College, 1921-1924; Head of Physics Department, Weber College, 1926-30; Associate Professor of Physics, Brigham Young University, 1930—.

SIDNEY B. SPERRY.....Associate Professor of Religious Education

A. B., University of Utah, 1917; M. A., University

of Chicago, 1926; Ph. D., University of Chicago, 1931; Graduate work, American School of Oriental Research, Jerusalem, Palestine; Principal American Fork Seminary, 1922-24; Weber Seminary, 1924-25; Moroni Seminary, 1925-26; Pocatello Seminary and Institute, 1927-28; Director L. D. S. Institute, Moscow, Idaho, 1929-31; Associate Professor, Brigham Young University, 1932—.

A. REX JOHNSON.....Associate Professor of Marketing

B. S., Brigham Young University, 1924; M. A., George Washington University, 1931; Graduate work, University of Washington and George Washington University; Head of Business Department, Provo High School, 1921-22; Fielding Academy, 1922-23; Instructor in Office Practice, Brigham Young University, 1924-31; Assistant Professor of Economics, 1933-34; Associate Professor of Marketing, 1934—.

IDA SMOOT DUSENBERRY.....Assistant Professor of Psychology

B. Pd., Brigham Young University, 1905; Graduate Chaurecey Hall College, Boston, 1908; Graduate Emerson College of Oratory, Boston, 1909; Graduate work, Pestalozzi Froebel House, Berlin Germany; Columbia University, University of Washington, University of California; Study in Europe, 1919-20; Director of Kindergarten Training, Brigham Young University, 1910-21; Assistant Professor, Floating University, 1930-31; Assistant Professor of Psychology, Brigham Young University, 1921—.

HERMESE PETERSON.....Assistant Professor of Elementary Education

B. S. Brigham Young University, 1928; Graduate work, Brigham Young College, Utah Agricultural College, Columbia University, University of Utah, University of California, University of Chicago; Primary Supervisor of Alpine School District, 1908-12; Study in Europe, 1928; Critic Teacher, Brigham Young University Training School, 1912-20; Primary Supervisor, 1920-23; Assistant Professor of Elementary Teaching, 1923—.

WILLIAM H. BOYLE.....Assistant Professor of Elementary Education

A. B., Brigham Young University, 1913; M. A., 1923; Graduate work, University of California, University

of Southern California; Principal, Brigham Young University High School, 1910-26; Assistant Professor of Elementary Education, 1923—.

WILLIAM H. SNELL.....Assistant Professor of Mechanic Arts

A. B., Brigham Young University, 1918; Graduate work, Bradley Polytechnic Institute, Brigham Young University; Instructor in English, Brigham Young University, 1915-17; Instructor in Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921—.

EMMA BROWN....Assistant Professor of Elementary Education

B. S., Columbia University, 1924; M. A., Columbia University, 1934; Graduate work, University of Chicago; Study in Europe, 1928; Critic Teacher, University of Utah, 1908-10; Primary Supervisor, Box Elder County, 1913-15; Nebo School District, 1917-22; Primary Supervisor, Brigham Young University Training School, 1923-25; Assistant Professor of Elementary Education, 1925—.

ED. M. ROWE.....Assistant Professor of English

A. B., Brigham Young University, 1923; Graduate work, Utah Agricultural College, Brigham Young University, University of Chicago, University of Wales, 1931-33; Principal Spanish Fork High School, 1910-12; Instructor in English, Brigham Young University, 1924-27; Assistant Professor, 1927—.

**CHARLES J. HART.....Assistant Professor in Physical
Education and Athletics**

B. S., Utah Agricultural College, 1922; M. A., New York University, 1932; Graduate work, Utah Agricultural College, University of Wisconsin; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young University, 1925-27; Assistant Professor, 1927—.

**EDGAR M. JENSON.....Assistant Professor of Educational
Administration, Director of Training Schools**

A. B., Brigham Young University, 1916; M. A., Brigham Young University, 1919; Graduate work, Stanford University; Head of Department of Education, Dixie College, 1919-1923; President Dixie College, 1923-26; Instructor, Brigham Young University, 1927-28; Assistant Professor in Educational Administration and Principal University High School, 1928—; Director of Training Schools, 1930—.

WILMA JEPPSON.....Assistant Professor of Physical
Education for Women

B. S., Brigham Young University, 1927; M. S., Columbia University, 1930; Graduate work: University of California, University of Wisconsin, Columbia University, New York University; Study Tour of Europe, 1932-33; Instructor in Physical Education for Women, Brigham Young University, 1923-30; Assistant Professor, 1930—.

ALONZO J. MORLEY*.....Assistant Professor of Speech

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; Teacher of Public Speaking and Dramatic Art, Uintah County High School, 1925-26; Head of Speech Department, Weber County High School, 1926-27; Instructor in Speech, Brigham Young University, 1928-30; Assistant Professor, 1930—.

WILLIAM F. HANSON.....Assistant Professor of Music

Music Diploma, Brigham Young University, 1907; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aronson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal, 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Instructor in Music, 1926-31; Assistant Professor, 1931—.

H. GRANT IVINS.....Assistant Professor of Animal Husbandry

B. S., Utah State Agricultural College, 1917; Instructor in Animal Husbandry, Brigham Young University, 1929-31; Assistant Professor, 1931—.

KARL E. YOUNG.....Assistant Professor of English

B. S., Utah State Agricultural College, 1924; B. A. and M. A., Oxford University, 1934; Graduate work at Harvard University; Instructor in English, Brigham Young University, 1930-31; Assistant Professor of English, 1932—.

JOSEPH K. NICHOLS.....Assistant Professor of Chemistry

A. B., Brigham Young University, 1916; M. A., Stanford University, 1924; President Dixie College, 1919-23, and 1926-33; Assistant Professor of Chemistry, Brigham Young University, 1933—.

*On leave of absence.

RUSSELL SWENSON.....Assistant Professor of
Religious Education

A. B., Brigham Young University, 1931; M. A., University of Chicago, 1931; Ph. D., University of Chicago, 1934; Principal L. D. S. Seminary, Mesa, Arizona, 1926-27; Principal L. D. S. Seminary at Kamas, Utah, 1927-28; Principal L. D. S. Seminary at Hurricane, 1928-30; Assistant Professor of Religious Education, Brigham Young University, 1933—.

SETH T. SHAW.....Assistant Professor of Horticulture
B. S., Utah State Agricultural College, 1931; M. A., Utah State Agricultural College, 1932; Instructor in Horticulture, Brigham Young University, 1931-34; Assistant Professor, 1934—.

JOHN E. HAYES.....Registrar
B. S., Brigham Young University, 1924; Instructor, Brigham Young University, 1903—; Registrar, 1904—.

ANNA OLLORTON.....Librarian
A. B., Brigham Young University, 1913; Graduate work, University of Chicago, University of Utah, Chautauqua Summer School, Columbia University; Assistant Librarian, Brigham Young University, 1919-23; Acting Librarian, 1923-31; Librarian, 1931—.

ANNIE L. GILLESPIE.....Library Cataloguer
Principal West School, Provo, 1883-84; Assistant Librarian, Brigham Young University, 1906-11; Librarian, 1912-23; Cataloguer, 1923—.

KIEFER B. SAULS.....Secretary to the President
Purchasing Agent

B. S., Utah State Agricultural College, 1920; Graduate work, Utah State Agricultural College; Secretary to Director, Utah Agricultural Experiment Station, 1917-21; Secretary to President and Purchasing Agent, Brigham Young University, 1921—.

NETTIE NEFF SMART.....Dean of Women
B. S., Brigham Young University, 1933; Student, Cornell University, 1907-09; Instructor Brigham Young University Training School, 1904-05; Instructor, Provo High School; Dean of Women, 1925—.

PERCIVAL P. BIGELOW.....Instructor in Auto Mechanics

Student University of Michigan, Brigham Young University; Head Mechanic, Utah Packard Motor Company, 1916; Foreman, Superior Motor Co., 1917-18; Mechanic, Hudson Motor Car Company, Detroit, 1919; Instructor in Auto Mechanics, Brigham Young University, 1919—.

BERTHA ROBERTS.....Instructor in French

A. B., Brigham Young University, 1926; Student, Durango Business College, University of Utah; Instructor, Wasatch High School, 1918-19; Instructor in Office Practice, Brigham Young University, 1919-33; Instructor in French, 1934—.

NEWBURN I. BUTT.....Library and Research Assistant

B. S., Utah Agricultural College, 1915; Graduate work, Utah State Agricultural College; Assistant Agronomist, Utah Agricultural College, 1915-18; Library and Research Assistant, Brigham Young University, 1922—.

ELSIE C. CARROLL*.....Instructor in English

B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1928; Student, Cornell University, University of Chicago, Stanford University; Head of English Department, Kanab High School, 1917-18; Provo High School, 1919-20; Instructor in English, Brigham Young University, 1926—.

STELLA P. RICH.....Instructor in English

B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-1927; Student, University of Chicago; Instructor in English, Brigham Young University, 1927—.

HUGH W. PETERSON.....Instructor in Chemistry

A. B., 1916; M. A., 1928, Brigham Young University; Graduate work, University of Utah, Utah State Agricultural College, State University of Iowa; Teacher in High Schools of Wyoming and Utah, 1917-27; Instructor in Chemistry, Brigham Young University, 1927—.

ELLA LARSEN BROWN.....Assistant Librarian

Student Cook County Normal School; Columbia Uni-

*On leave of absence.

versity; Primary Supervisor, Utah County Schools, 1900-1902; Director, Brigham Young University Training School, 1902-1908; Assistant Librarian, Brigham Young University, 1923—.

FRED W. DIXON.....Instructor in Physical Education and Athletics

B. S., Brigham Young University, 1926; Instructor in Physical Education and Athletic Director at Weber County High School, 1926-28; Graduate work, Utah Agricultural College; Instructor in Physical Education and Athletics, Brigham Young University, 1928—.

C. LAVOIR JENSEN.....Instructor in Mathematics

Student Brigham Young College and University of Utah; Instructor, Logan High School, 1915-16; Principal, Midvale Schools, 1917-21; Instructor, Brigham Young University High School, 1921—.

GRACE NIXON STEWART.....Instructor in Speech

B. S., Brigham Young University, 1921; Student, Leland Powers School of Spoken Word, Rice School of Speech, Oxford University, England, London University, London Royal Academy; Special Instructor in Speech, Brigham Young University, 1928-34; Instructor in Speech, 1934—.

GLADYS D. BLACK.....Instructor in English

Ph. B., University of Chicago, 1924; M. A., Columbia University, 1930; Instructor in English, Provo High School, 1924-26; Instructor in English, Central High School, Springfield, Illinois, 1927-28; Instructor in English, Brigham Young University, 1928—.

BILLIE HOLLINGSHEAD.....Instructor in Mathematics

A. B., Texas State College for Women, 1922; M. A., Brigham Young University, 1929; Graduate work, Columbia University, University of Southern California; Instructor in Valdez High School, Valdez, Alaska, 1922-23; Instructor in Star Valley High School, 1924-26; Instructor in Kohala High School, Kohala, Hawaii, 1927-28; Instructor in Brigham Young University High School, 1929—.

**CARMA BALLIF.....Instructor in Physical Education for Women
Assistant in Secretary's Office**

B. S., Brigham Young University, 1927; Graduate

work, University of Wisconsin; Assistant in Secretary's Office, 1927—; Instructor in Physical Education for Women, 1934—.

MARGARET SUMMERHAYS.....Instructor in Music

Graduate of New England Conservatory of Music, 1916; Student of Frederick H. Haywood, Mme. Sophie Cehanovske, Edmund G. Meyer; Special Instructor in Music at Brigham Young University, 1927-29; Instructor in Music, 1930—.

MARGARET SWENSEN.....Instructor in Home Economics

B. S., Brigham Young University, 1926; Instructor in Richfield High School, 1926-29; Instructor in Brigham Young University, 1929—.

W. ELMO COFFMAN.....Instructor in Science

B. S., Utah State Agricultural College, 1920; M. S., Brigham Young University, 1932; Graduate work, Brigham Young University, University of Utah; Instructor in Payson High School, 1920-21; Instructor in Springville High School, 1921-28; Principal, Minersville High School, 1928-29; Instructor in Science, Brigham Young University, 1929—.

EDNA SNOW.....Instructor in Science

B. S., Brigham Young University, 1924; M. S., Brigham Young University, 1931; Graduate work, University of California; Instructor in Science, Brigham Young University, 1929—.

OA LLOYD.....Instructor in Office Practice

Assistant in Office Practice, Brigham Young University, 1928-30; Instructor, 1931—.

C. LYNN HAYWARD.....Instructor in Zoology

B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1931; Instructor in Fielding High School, 1927-30; Assistant in Zoology, Brigham Young University, 1930-31; Instructor, 1931—.

BERTRAND F. HARRISON.....Instructor in Botany

B. S., Brigham Young University, 1930; M. S., Brigham Young University, 1931; Graduate work, University of Chicago; Assistant in Botany, Brigham Young University, 1930-31; Instructor in Botany, 1931—.

J. KNIGHT ALLEN*.....Instructor in Accounting and
Business Administration

B. S., Brigham Young University, 1926; M. B. A.,
Stanford University, 1930; Special Instructor in Brigh-
ham Young University, 1930-31; Instructor in Ac-
counting and Business Administration, 1931—.

GUSTAVE BUGGERT.....Instructor in Music
Graduate of Music School of Madgeburg, Germany;
Instructor in Music, Brigham Young University,
1930—.

MAY BILLINGS.....Instructor in Home Economics
B. S., Brigham Young University, 1933; Student of
Columbia University, Utah State Agricultural College,
University of California, Colorado Agricultural Col-
lege, University of Utah; Instructor in Clothing,
Latter-day Saints University, 1920-31; Instructor in
Home Economics, Brigham Young University, 1932—.

ALINE COLEMAN SMITH.....Instructor in Physical Education
for Women
B. S., Brigham Young University, 1933; Graduate
work, University of Wisconsin; Assistant in Physical
Education for Women, Brigham Young University,
1929-32; Instructor, 1932—.

CARLTON CULMSEE.....Instructor in Journalism and
Secretary Extension Division
B. S., Brigham Young University, 1932; Graduate
work, University of Southern California; Secretary,
Extension Division, 1932; Instructor in Journalism,
Brigham Young University, 1933—.

BEULAH STRICKLER.....Instructor in Office Practice
B. S., Brigham Young University, 1932; Instructor
in Office Practice, Brigham Young University, 1933—.

ALVA JOHANSEN.....Instructor in Chemistry
A. B., Brigham Young University, 1931; M. S., Brigh-
ham Young University, 1934; Assistant in Chemistry,
Brigham Young University, 1931-1934; Instructor in
Chemistry, 1934—.

IRENE S. BARLOW.....Instructor in Home Economics
B. S., Utah State Agricultural College, 1919; Graduate

*On leave of absence.

work, University of Chicago; Instructor in Home Economics, Brigham Young University, 1934—.

GOLDEN L. WOOLF.....Instructor in Languages

A. B., Brigham Young University, 1934; Instructor in Languages, Brigham Young University, 1934—.

WILFORD D. LEE.....Instructor in English

A. B., Brigham Young University, 1934; Instructor in English, Brigham Young University, 1934—.

HELEN CANDLAND.....Instructor in English

A. B. Brigham Young University, 1924; Graduate work: Brigham Young University, University of Utah, Columbia University; Instructor in English, Bingham High School, 1926-1933; Instructor in English, Brigham Young University, 1934—.

RHODA J. YOUNGUniversity Nurse

R. N., Latter-day Saints Hospital, Idaho Falls, 1928; B. S., Brigham Young University, 1934; University Nurse, 1932—.

JOHN WING.....Assistant in Chemistry

B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1934; Assistant in Chemistry, Brigham Young University, 1931—.

BARR MILLER.....Assistant in Treasurer's Office

B. S., Brigham Young University, 1934; Assistant in Treasurer's Office, Brigham Young University, 1934—.

O. MEREDITH WILSON.....Assistant in History

A. B., Brigham Young University, 1934; Assistant in History, Brigham Young University, 1934—.

ERNEST YOUNG.....Assistant in Spanish

Instructor in Juarez Stake Academy, 1928-33; Assistant in Spanish, Brigham Young University, 1934—.

TRAINING SCHOOL FACULTY

MAY C. HAMMOND, B. S., Instructor in Elementary Training School.

BARBARA MAUGHN, B. S., Instructor in Elementary Training School.

GLADYS KOTTER, B. S., Instructor in Elementary Training School.

GEORGIA MAESER, B. S., Instructor in Elementary Training School.
JENNIE CAMPBELL, B. S., Instructor in Elementary Training School.
THELMA LUDLOW, A. B., Instructor in Elementary Training School.
HAZEL CLYDE WATKINS, M. A., Instructor in Kindergarten.

SPECIAL INSTRUCTORS

ELMER NELSON, Instructor in Piano.
HANNAH C. PACKARD, Special Instructor in Vocal Music.
GEORGE W. FITZROY, Special Instructor in Piano.

BRIGHAM T. HIGGS, Superintendent Buildings and Campus.
J. W. SAULS, Associate Superintendent Buildings and Campus.
KARL MILLER, Assistant Superintendent Buildings and Campus.

STANDING COMMITTEES

The President is ex-officio a member of all committees.

Admission and Credits—John E. Hayes, Lynn Hayward.

Aiding Graduates to Obtain Employment—A. N. Merrill,

K. B. Sauls, the Deans.

Alumni Directory—A. R. Johnson.

Athletics—P. A. Christensen, G. O. Romney, J. W. Knight,

H. R. Merrill, K. B. Sauls, H. Grant Ivins, President of Student Body, President of Alumni Association, C. L. Jensen, Manager of Athletics.

Attendance and Scholarship—W. H. Boyle, T. L. Martin, E. M. Rowe, May Billings.

Awards and Prizes—T. E. Pardoe, Franklin Madsen, C. J. Hart.

Campus—L. S. Morris, Seth Shaw, E. H. Eastmond, B. F. Harrison.

Care of Girls' and Women's Activities—Dean of Women, Margaret H. Eastmond, Effie Warnick, Hermese Peterson.

Catalogue and Other Quarterlies—E. H. Holt, J. E. Hayes, K. B. Sauls, N. I. Butt.

Debating—J. C. Swenson, Wm. J. Snow, Elmer Miller, T. E. Pardoe, O. M. Wilson.

Eligibility—Milton Marshall, H. Grant Ivins, J. E. Hayes.

Graduation—B. F. Cummings, Joseph Sudweeks, M. W. Poulson.

Lectures and Musicals—J. C. Swenson, Herald R. Clark.

Library—Alice L. Reynolds, M. W. Poulson, W. J. Snow, S. B. Sperry, Librarian.

Personnel—C. S. Boyle, Thos. L. Martin, Wm. J. Snow, A. C. Lambert, R. Swenson.

Petitions—H. M. Woodward, C. E. Maw, V. M. Tanner.

Publicity—L. Nelson, E. H. Holt, K. B. Sauls, H. R. Merrill, G. O. Romney, J. M. Jensen, Carlton Culmsee.

Schedule of Events—K. B. Sauls, G. de Jong.

Schedule of Classes—E. H. Holt, N. I. Butt.

Social Affairs—Elmer Miller, G. H. Hansen, Dean of Women, Wilma Jeppson, Karl E. Young, S. T. Shaw.

Social Units—G. H. Hansen, G. de Jong, A. Rex Johnson, Registrar, Dean of Women, Wilma Jeppson, and Student Representatives.

Student Accommodations—W. B. Hales, W. H. Snell, P. P. Bigelow, Dean of Women, Hugh W. Peterson.

Student Aid and Employment—A. Rex Johnson, Dean of Women, Kiefer B. Sauls.

Student Publications—C. Culmsee, E. H. Eastmond, B. F. Larsen.

Faculties of L. D. S. Institutes and Seminaries

COLLEGIATE INSTITUTES

	Teacher	Address
Logan Institute	T. C. Romney	Logan, Utah
Moscow Institute	G. S. Tanner	Moscow, Idaho
Pocatello Institute	J. W. Sessions	Pocatello, Idaho

SENIOR SEMINARIES

Seminary	Teacher	Address
American Fork	E. Ray Gardner	Am. Fork, Utah
Ammon	Lucius Clark	Idaho Falls, Idaho
Barnes, John R.	G. C. Ensign	Kaysville, Utah
	Anthon Cannon	Farmington, Utah
Bear River	Arthur Welling	Garland, Utah
	Alma W. King	Garland, Utah
Beaver	Wendell M. Rigby	Beaver, Utah
Bicknell	LeRoy B. Groberg	Bicknell, Utah
Blackfoot	G. Byron Done	Blackfoot, Idaho
Blanding	Wayne H. Redd	Blanding, Utah
Box Elder	Abel S. Rich	Brigham City, Utah
	J. P. Lillywhite	Brigham City, Utah
Burley	R. Golden May	Burley, Idaho
Castle Dale	N. L. Williams	Castle Dale, Utah
Cedar City	G. O. Larson	Cedar City, Utah
Delta	M. W. Moody	Delta, Utah
East Side	James E. Moss	Salt Lake City, Utah
Ephraim	N. E. Noyes	Ephraim, Utah
Escalante	Reed G. Probst	Escalante, Utah
South Emery	Pearson H. Corbett	Ferron, Utah
Franklin County	R. Lee Kenner	Preston, Idaho
	James DeBry	Preston, Idaho
Grace	Harold S. Nelson	Grace, Idaho
Grantsville	Heber D. Clark	Grantsville, Utah
Gunnison	J. Clayton Watts	Gunnison, Utah

Granite	F. K. Seegmiller	Salt Lake City, Utah
	James E. Moss	Salt Lake City, Utah
	M. D. Clayson	Salt Lake City, Utah
Hinckley	R. T. Hinckley	Hinckley, Utah
North Emery	D. G. Thomas	Huntington, Utah
Jordan	Carter E. Grant	Sandy, Utah
	D. Stanley Adams	Bountiful, Utah
	M. Lynn Bennion	Salt Lake City, Utah
Juab Stake	LeRoy Whitehead	Nephi, Utah
Kanab	William E. Berrett	Kanab, Utah
Lehi	H. Alvah Fitzgerald	Lehi, Utah
Logan	Ed. J. Passey	Logan, Utah
	L. R. Robinson	Logan, Utah
Lovell	Joseph S. Fish	Lovell, Wyoming
Lyman	Willis J. Lyman	Lyman, Wyoming
Malad	H. W. Lawrence	Malad, Idaho
	E. M. Chadwick	Malad, Idaho
Manassa-Sanford	Stanley E. Best	Sanford, Colorado
Manti	L. E. Anderson	Manti, Utah
Mesa	J. R. Wilkins	Mesa, Arizona
Midway	Ariel S. Ballif	Menan, Idaho
Millard	S. D. Moore, Jr.	Fillmore, Utah
Monroe	V. L. Israelson	Monroe, Utah
Montpelier	S. H. Spencer	Montpelier, Idaho
Morgan	C. Calvin Geary	Morgan, Utah
Moroni	Jos. W. Olsen	Moroni, Utah
Mt. Pleasant	A. H. Anderson	Mt. Pleasant, Utah
Murray	Frank W. McGhie	Murray, Utah
North Cache	E. M. Hicken	Richmond, Utah
	Ernest Frandsen	Richmond, Utah
North Sevier	S. Ross Hunt	Salina, Utah
North Summit	L. M. Norberg	Coalville, Utah
Nebo Stake	John F. Oleson	Payson, Utah
Oakley	J. Wayne Moss	Oakley, Idaho
Oquirrh	A. C. Nielsen	Salt Lake City, Utah
Panguitch	B. F. Hulme	Panguitch, Utah
Paris	Roy A. West	Paris, Idaho
Phoenix	May G. Kershaw	Phoenix, Arizona
Piute County	A. C. Reynolds	Circleville, Utah

Pocatello	Almon L. D. Brown	Pocatello, Idaho
Provo	J. A. Washburn	Provo, Utah
	Milton R. Hunter	Provo, Utah
Rexburg	H. L. Peterson	Rexburg, Idaho
Richfield	Newel K. Young	Richfield, Utah
Rigby	R. W. Roskelly	Rigby, Idaho
Roosevelt	Stanley R. Gunn	Roosevelt, Utah
Rupert-Heyburn	Jesse L. Roberts	Rupert, Idaho
Sharon Stake	V. C. Anderson	Provo, Utah
Shelley	Elwood B. Allred	Shelley, Idaho
Snowflake	William C. Smith	Snowflake, Arizona
South Cache	J. Karl Wood	Hyrum, Utah
	M. W. Smith	Salt Lake City, Utah
South Side	M. D. Clayson	Salt Lake City, Utah
South Summit	Silas L. Cheney	Kamas, Utah
Spanish Fork	E. Cecil McGavin	Spanish Fork, Utah
	Laura Shepherd	Provo, Utah
Springville	W. T. Tew, Jr.	Springville, Utah
Star Valley	Ernest R. Clark	Afton, Wyoming
St. Johns	Lorenzo B. Decker	St. Johns, Arizona
Eager	B. Alva Maxwell	Eager, Arizona
Sugar City	Leon M. Strong	Sugar City, Idaho
Teton Stake	Robert Gibbons	Driggs, Idaho
Timpanogos Stake	Hyrum P. Jones	Pleasant Grove, Utah
Tooele	LeRoi Bentley	Tooele, Utah
Ucon	Grant M. Andrus	Ucon, Idaho
Vernal	H. Grant Vest	Vernal, Utah
Wasatch	D. A. Broadbent	Heber City, Utah
Weber	F. G. Eyre	Ogden, Utah
	Elmer Peterson	Ogden, Utah
West Side	Daryl Chase	Salt Lake City, Utah
	Eugene Hinckley	Salt Lake City, Utah
Zion Park	A. Noble Kimball	Hurricane, Utah

Historical

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of twelve trustees, elected triennially, by the vote of the Latter-day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter-day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its maintenance, but in recent years an annual church appropriation has been the chief source of its financial support.

Buildings. The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building, housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

In 1891 the school moved to what is now known as the Education building, a structure costing \$75,000, made possible chiefly through the personal credit of President Abraham O. Smoot and his associates on the Board of Trustees.

The College building, a gift of ten persons whose names are upon a marble tablet in a hall of the building, was erected in 1898. The responsibility for raising the funds for this building was undertaken voluntarily by Reed Smoot, a member of the Board of Trustees.

The Training School Building was built in 1902,

the cost of which was met by the contributions of friends of the school, chief among whom was "Uncle" Jesse Knight.

The Art building was erected in 1904, a gift of the nearby stakes comprising what was known at that time as the B. Y. U. academic district.

The Alumni Association, in honor of Dr. Karl G. Maeser, presented the institution with the Maeser Memorial building in 1911. The cost of this building was \$112,000.00. "Uncle" Jesse Knight contributed liberally to the Alumni Association in this project. The heating plant and furnishings were provided by the Church. This building was the first to be erected on University Hill.

The Women's Gymnasium, which is also a recreation building, was erected in 1913.

The Mechanic Arts building, on University Hill, erected in 1919.

The Heber J. Grant Library building, also on University Hill, was erected in 1925.

The last three named buildings were built by way of appropriations.

its campus. The first campus of the school was of a small playground back of the building. It was destroyed by fire. The present Education building was erected in the center of a block 24 by 24

5. Then came the purchase of University Hill. As

early as 1904, steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. The remaining area comprising the present campus of seventy-five acres, was purchased by the University, following a movement initiated by the Alumni Association.

Administration. The first faculty consisted of the principal and two assistants, Dr. Karl G. Maeser, Dr. Milton H. Hardy, and Kristina Smoot. Dr. Karl G.

Maeser served as principal until 1891, when he was called to the general superintendency of Church schools. Dr. Benjamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

Educational Growth. The first credential granted by the institution was a teacher's certificate given on the completion of one year's normal work. This was followed by a certificate requiring two years' normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work.

Later the Bachelor of Arts and Bachelor of Science degrees were authorized to be conferred upon the completion of the regular four years college courses.

Master degrees have been authorized since 1918.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established.

During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

January 25, 1922, a college of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Foods

and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork.

On April 21, 1925, a College of Fine Arts was established to include the departments of Art, Music and Speech.

During the year 1928-1929 the Y Stadium was completed, the name of the College of Commerce and Business Administration was changed to College of Commerce; and the Graduate Division was changed to Graduate School.

University Credits Recognized. The Brigham Young University is on the list of approved colleges of the Association of American Universities. It is also a member of the Northwest Association of Secondary and Higher Schools, the American Council on Education, and the Association of American Colleges.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. A College of Applied Science
2. A College of Arts and Sciences
3. A College of Commerce
4. A College of Education
5. A College of Fine Arts
6. A Graduate School
7. An Extension Division
8. A Research Division

Elementary and Secondary Training Schools are maintained in connection with the College of Education.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration
 Agronomy
 Animal Husbandry
 Art

Botany
 Chemistry
 Economics
 Educational Administration
 Elementary Education
 English
 Finance and Banking
 Geology and Geography
 History
 Home Economics
 Horticulture
 Landscape Architecture
 Library
 Marketing
 Mathematics
 Mechanic Arts
 Modern and Classical Languages
 Music
 Office Practice
 Physical Education
 Physics
 Political Science
 Philosophy of Education
 Psychology
 Religious Education
 Secondary Education
 Sociology
 Speech
 Zoology and Entomology

UNIVERSITY FEES

College and Graduate Students:

Registration fee for full year if paid at beginning of Autumn quarter.....	\$70.00
Registration fee for less than the full year, the quarter	25.00
Withdrawal deposit	1.00
Student activity fee, each quarter.....	5.00
(Or \$12.50 for the year if paid in advance)	
A gymnasium service fee, each quarter.....	1.00

Secondary Training School:

Senior High School—10th, 11th, 12th grades, the year	\$20.00
Activity fee	3.00
Gymnasium service fee, the year.....	.50
Junior high school—7th, 8th, 9th grades....	10.00

Elementary Training School:

1st to 6th grades, the year.....	\$10.00
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Special Fees:

Late registration (after first week of each quarter)	\$ 2.00
Special students (eight credit hours or less), for each hour.....	2.50
Special examinations, for each hour.....	2.50
(Provided the maximum fee in any one subject shall not exceed \$20.00)	

Graduation:

Degree	\$10.00
Diploma	5.00

Special fees are charged for private instruction in Vocal and Instrumental Music, Speech, and some special courses in Art.

Breakage deposit is required in the department of Chemistry, and special laboratory fees in Bacteriology, Photography, Soil Fertility and Zoology. A special fee of \$5.00 is charged those who elect Secondary or Elementary Training.

STUDENT EXPENSES

The cost of books varies from \$5.00 to \$10.00 a quarter, depending upon the number and the nature of the courses elected.

Board and room in private homes costs from \$3.50 to \$5.50 per week. By renting rooms and boarding themselves, students are able to reduce considerably the cost of room and board. In some cases it has been reduced to \$10.00 a month.

If students desiring assistance will call on the Students' Accommodation Committee when they arrive in Provo, they will be directed to the kind of place they wish. When students desire to change boarding places, they are expected to call on and notify the chairman of this committee.

The University insists that boys and girls be housed separately. The boarding houses are inspected to see that accommodations are satisfactory. The University maintains a Cafeteria, where students may secure the noon meal at cost.

REFUNDS

No refunds will be granted to students who are requested to withdraw from the University because of scholarship or any other cause.

All students when paying fees are given official receipts from the Secretary's Office. These receipts must be presented before refunds are allowed. The students, therefore should exercise care that the receipts are not lost or mislaid.

All fees except \$5.00 will be refunded to any student in residence who withdraws during the first week of the quarter. One-half of all fees paid will be refunded to any student in residence who withdraws during the second or third week of the quarter. No refunds will be allowed after the third week.

ENDOWMENTS

The Jesse Knight Endowment Fund. On December 21, 1914, the late Jesse Knight made an endowment to the University of one hundred thousand dollars in six percent bonds. The interest payments on these bonds, together with the payments on bonds which have matured, have been placed at interest, and the cash credit on this account now represents approximately twice the amount of the original endowment.

The Brigham Young University Permanent En

dowment Fund. June 4, 1929, the B. Y. U. Associated Alumni initiated a permanent endowment fund for the University. Some very generous contributions and subscriptions were made at this alumni reunion, and the work of building such an endowment has been carried forward by the alumni and school officials with very gratifying results. Members of the graduating classes since that time have shown a remarkably loyal spirit by subscribing to this fund an average of one hundred dollars each.

LOAN FUNDS

The Emmeline B. Wells Relief Society Loan Fund. In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work. The lending of this fund is under the supervision of the Deans' Council.

Student Loan Fund. The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augmented each year, the Sophomore class assuming the responsibility for making an annual addition. The lending of this fund is under the supervision of the Deans' Council.

Harmon Foundation Student Loan Fund. The Brigham Young University has been chosen by the Harmon Foundation as one of the limited number of colleges in the United States whose students may receive assistance in financing their education. Juniors and Seniors, up to a given number each year, may borrow money from this fund. The Harmon Foundation is a strong financial organization now rendering financial assistance to students in many of the colleges in the United States. A faculty committee represents the University in making these loans.

Gamma Phi Omicron Loan Fund. The Home Economics Club of the University (Gamma Phi Omi-

cron) has established a loan fund to assist students of the Home Economics department. The lending of this fund is under the supervision of the Deans' Council.

Alpha Kappa Psi Loan Fund. The Alpha Kappa Psi has established a loan fund for senior students of the College of Commerce. The lending of this fund is under the supervision of the Deans' Council.

Federation of Women's Clubs Loan Fund. The First District Federation of Women's Clubs of Utah has established a loan fund to be lent to the senior girls of the University. The lending of this fund is under the supervision of the Dean's Council.

ASSOCIATED STUDENTS

General Organization. This organization is composed of all students who attend Brigham Young University and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which contribute to a more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate activities are encouraged and unified by this organization. Forensic, dramatic, and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

Associated Women Students. This is an organization comprised of all girls registered in the institution. Its purposes is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

The Presidents Club. This club is composed of the presidents of all clubs, units, classes or any other student organization upon the campus. Its purpose is to keep union and harmony in student activities by keeping the organizations united, and to maintain a student union, rather than cliquishness, and club consciousness. The President of the Associated Students presides over it and calls the club together whenever it is thought advisable by the Student Council.

Block "Y" Club. An organization of students who have won a Block "Y" in intercollegiate athletic or forensic competition. Its purpose is to foster the traditions of the school, keep alive the athletic and forensic spirit, encourage a true spirit of sportsmanship and to meet visiting teams of athletes or debators and help to encourage friendly relations with their institutions.

CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, units, clubs, and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

SOCIAL-UNIT ORGANIZATION

The University recognizes proper social development as one of the important by-products of college training. For many years this social opportunity has been provided through the class and club organizations of the institution, but in recent years these organizations have become too large to provide students with the intimate social contacts, and opportunities for leadership which are thought desirable.

To provide suitable opportunity for the fulfillment of this purpose the Social Unit Organization was adopted.

The plan provides that every student in the University shall belong to a social unit. These units in-

clude from twenty to thirty members, grouped on the basis of sex, social interest and congeniality. The whole scheme is democratically controlled by the Social-Unit Committee, which consists of members from faculty, classes, and other organized groups in the University. The Inter-Social-Unit Council, made up of representatives from each Social Unit, has jurisdiction over the internal affairs of the units, such as fees, costs of entertainments, etc.

The Social Units are doing much to keep alive the social ideals of the University and to perpetuate the democratic social traditions characteristic of the Student Body.

DEPARTMENTAL ORGANIZATIONS

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

The "Ag" Club. This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of the state. Meetings are held every alternate Wednesday afternoon. Social functions in conjunction with the Home Economics department are featured during the year.

David Starr Jordan Biology Club. This club aims to develop interests in all forms of biological study and has, for its major project, the building of a library of natural science literature. Some 250 volumes have been collected by club members. The increasing ani-

mal and plant collections of the department and the new laboratory at Utah Lake, offer interesting material for new students. Outside of resident students, the membership consists of faculty members, alumni and prominent townspeople.

Delta Phi. An organization open to all male students who have done regular missionary work. Its purpose is to foster fellowship, missionary ideals, and sociability. Luncheons and programs are given during the school year at which prominent men of the Church and state are the principal speakers. This chapter is associated with like chapters at the Utah Agricultural College, Weber College, and the University of Utah.

Drama League. The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

French, Spanish, German, and Latin Clubs. Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign language is the medium of speech. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privileges are especially extended to people of the community of French, German, Spanish or Spanish-American birth.

Gamma Phi Omicron. (Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

Home Economics Club. The club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which

interesting lectures are given. Special activities are fostered. All girls registered in Home Economics courses are eligible for membership.

Graduate Club. This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University." A student becomes a member automatically upon registration in the graduate division.

Literary Club. The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

Psychology Club. An organization to foster a better understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

Studio Guild. This organization is for the benefit of students having special talent in any particular phase of fine art and applied art. Lectures on practical topics in connection with arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists' and of craftsmen's work are held under the auspices of this organization.

Young Commerce Club. This club is a student organization devoted to the development of good fellowship among the business students. Luncheons and programs are given at regular intervals during the school year at which prominent business and professional men of the inter-mountain country are the prin-

cial speakers. All students of the College of Commerce are eligible for membership.

Yeshara—Women's Missionary Club. An organization of women students who have been engaged in active missionary service. Its purpose is to preserve the missionary spirit among the students and alumnae of the University and to render help where possible to women missionaries in the field.

The "Y" Chemical Society. An organization consisting of students interested in the field of chemistry. Meetings are held every alternate week, at which time lectures dealing with the outstanding problems in chemistry, or material intimately connected with this field are given by authorities on the specific subjects. Various excursions to the outstanding institutions of scientific value and interest in the state are sponsored.

Geographical Clubs are organized for the furthering of social enjoyment and the establishing of bonds of sympathy between the school and the home.

NATIONAL FRATERNITIES

Theta Alpha Phi. National professional dramatic fraternity. Co-educational. The Utah Beta Chapter was installed at this institution in 1924. The purpose is to foster artistic achievement in all of the arts and crafts of the theater.

Tau Kappa Alpha. Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

Alpha Kappa Psi. (Commerce.) (Beta Delta Chapter.) The purpose is to foster studies in commerce, encourage scholarship and association between members and the commercial world. Male College of Commerce students above freshman standing are eligible for membership.

Beta Beta Beta. (Phi Chapter). Installed January 31, 1931. An international honorary biological fraternity, which emphasizes a three-fold program: Sound scholarship; dissemination of scientific knowledge; and promptness of biological research. All junior and senior students having twenty-four hours of biological credit are eligible for membership.

Phi Delta Pi. Women's National professional physical education fraternity. Xi Chapter installed November 21, 1931. Its purpose is to stimulate professional and scholastic interest in physical education.

Blue Key. The Blue Key national honorary leadership fraternity was chartered at the Brigham Young University in the spring of 1932. Its purpose is to foster Student Body projects of merit which cannot well be handled by any other organization. It is an upper-classmen organization, the membership of which is fixed at from twelve to twenty active members.

NON-STUDENT ORGANIZATIONS

B. Y. U. Women's Organization. The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks admission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instructor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty or board member.

Faculty Fine Arts Club. This club is organized to develop and maintain a closer co-operation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields

of fine arts; and to encourage among the members original creation in music, literature, painting, etc.

SCHOLARSHIPS

Maria Y. Dougall Scholarship. A scholarship for girls, representing \$30.00 awarded annually on the recommendation of Mrs. Maria Y. Dougall of Salt Lake City.

Eliza A. Wallacott Scholarship. A scholarship for girls representing \$30.00 awarded annually through the recommendation of the President.

Van Wagenen Band Scholarship. For the encouragement of worthy students in the line of band music, Mr. Alma Van Wagenen of Provo has established an annual scholarship of \$50.00.

Annual Commercial Contest Scholarships. Four scholarships are awarded to the winners of events in the Commercial contest for high school students held at the University each year.

Alpha Kappa Psi Scholarship Award. Alpha Kappa Psi Fraternity, Beta Delta Chapter of which is established in the College of Commerce, awards annually the Alpha Kappa Psi Scholarship Medallion to the male student of the junior class in commerce who possesses the highest scholastic average for three years' work taken in this university.

The Oscar B. Young Prize. An award of \$50.00 given annually by Professor Kimball Young for the best essay on some phase of **Mormon Community Life**. The adjudication is under the supervision of the department of Sociology.

AWARDS

Students eligible for these awards must be duly registered and carrying successfully at least ten hours of University work.

Provo Chamber of Commerce Medal. The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlain Carroll Medal. Mrs. Elsie Chamberlain Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal. Mr. and Mrs. Walter Adams present annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is a stringed instrument.

The Taylor Gold Medal. Taylor Brothers Company presents annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is the piano.

The Pardoe Gold Medal. Mr. and Mrs. T. Earl Pardoe present annually a gold medal for excellence in extemporaneous speaking.

The Kirkham Medal, a gift of Francis W. Kirkham, to those who win their state inter-collegiate debates.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

The Woolley Gold Medal. Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

The Stein Gold Medal. Mr. J. Edwin Stein offers annually a gold medal for the most efficient athlete. Efficiency is based upon the participation in athletics, scholarship, and social activity.

The R. R. Irvine Medal is presented annually for excellence in oratory, subject to be based upon some economic problem.

The Class of 1919 Gold Medal is awarded annually for excellence in vocal art.

The Noble Medal. Mrs. Hazel Noble Boyack offers annually a gold medal to the most efficient senior student enrolled in the Home Economics department. The selection of such student will be made by the faculty of the Home Economics department.

The Provo Drama Center, Mask Award. A prize of twenty-five dollars is given each year for the best one-act play of merit, on a Western or pioneer theme.

Provo Rotary Club Gold Medal. A gold medal awarded to the winner of an oratorical contest on some subject of international good will.

The E. H. Eastmond Gold Medal is awarded annually for the best painting or drawing of Mt. Timpanogos in any medium.

Studio Guild Medal. A gold medal is awarded annually by the Studio Guild for the best landscape painting done during the school year in any medium. Members of the Art department faculty and the officers of the Studio Guild make the selection.

Dramatic Service Awards. The Dramatic Art department awards annually a dramatic honor pin to each of three students who have given the most helpful service to the University and to the community during the year.

Egbert Gold Medal. Miss Anna Egbert gives a gold medal for the most efficient debater each year. The award is made in honor of her father, Robert N. Egbert.

The Evans Competitive Acting Award. Mr. Edmund Evans offers annually a watch for the student,

who, in the estimation of a group of judges plays the best sustained role in the annual competitive play.

The Evans Gold Medal. Mr. Edmund Evans offers annually a gold medal to the most efficient graduate in the Speech department. Efficiency is based upon participation in speech activities, social activity, and scholarship.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or associations are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attendance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his university office during sched-

ule office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious diseases, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if those students who are unable to pay for necessary service are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for material used.

DEAN OF WOMEN

The Dean of Women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

LIBRARY

The University Library contains more than 88,000 volumes and 50,000 pamphlets and bulletins. These publications cover all phases of human interest and offer opportunity to make intensive studies in almost any field of the sciences or arts. The library has for years been a Government Depository to receive all Government documents. These documents are all well classified and indexed. Besides the Government Documents the Library has nearly a complete set of all agricultural experiment station literature from every state in the Union. It regularly receives important state documents on education, history, politics and various other topics as they are issued by the different states, and is on the publication exchange lists of many of the colleges

and universities of the United States and elsewhere. The Carnegie Institute of Washington, the Carnegie Peace Foundation, the Rockefeller Foundation, the General Education Board, the American Council on Education, the Milbank Memorial Fund, the Bell Telephone Laboratories and several of the large business organizations all supply technical and informative literature. The Library subscribes for such technical journals and magazines as are essential to a thorough college education, and it maintains its own book bindery.

Each year the Library strengthens itself along specialized lines through contributions of books to its special collections, of which the following are now being rapidly augmented:

- B. Y. U. Women (Memorial) Collection—General
- Brimhall Collection—Theology
- Bennion Collection—Biography
- C. H. Carroll—Medicine
- Egbert Collection—Music
- Heber J. Grant—General
- Henning Collection—Archaeology
- Hinckley Collection—Geology
- Ivins Collection—The American Indian
- Jordan Club Collection—Biology
- Lund Collection—Music
- McKay Collection—Education
- Mask Club Collection—Dramatics
- Nelke Collection—General Literature
- Reynolds Collection—Literature
- Smith (F. W.) Collection—Chemistry
- Sorosis Club Collection (Memorial)—General
- Spilsbury Collection—Home Economics
- Whitaker Collection—Foreign Languages
- Whitecotton Collection—
- Widtsoe Collection—Agriculture

The Library is open each school day during the regular school year from 8 A. M., until 10 P. M.; on Saturday from 10 A. M., until 4 P. M.; and during the Summer Session from 7:30 A. M., until 9 P. M.

SPECIAL SCIENTIFIC AND ART COLLECTIONS

The Zoological and Entomological Collections of the University consist of a large series of identified invertebrate and vertebrate species of Utah and contiguous states.

The Entomological Collection consists of over 50,000 specimens; the Tom Spalding Collection of Utah lepidoptera, the Chester Van Buren Collection of South American Butterflies, some Weevils from the Blatchley Collection form important portions of this collection.

A complete series of the fish, amphibians, reptiles, birds and mammals of this region are to be found in the collection. The fish collection is especially rich in species and specimens from the intermountain region. There is also a collection of Hawaiian fish made by Dr. David Starr Jordan. Specimens of practically all the species of amphibians and reptiles of Utah and many species from various portions of the United States are in the collection. The bird collection consists of about 1,700 skins, 1,000 of which were collected in the Magdalena River Valley of South America by Chester Van Buren in 1901-03. This collection is being added to annually by means of collecting expeditions that are sent out to various parts of the Western United States.

An excellent collection of plants is maintained by the **Department of Botany**. This collection includes a representative series of algae, liverworts, mosses, ferns, and seed-plants. There is also a collection of seeds and a collection of diseased plants.

The herbarium of ferns and seed-plants is made up principally of plants collected throughout the Western states, but many species obtained through various exchange herbaria of other sections are included. There is also a collection of plants from Siberia, obtained by President F. S. Harris in 1929, as well as a small group of plants from South America.

The principal collection, made up of Western plants includes 125 families, 600 genera, and 1800 species, represented by over 5,000 specimens. The collection is being enlarged by means of plants, obtained on various collecting expeditions, plants obtained through the forest service, and various other sources.

The Geological Collections of the University consist of an unusually complete series of minerals and an interesting variety of fossils.

The minerals number many thousands and are representative of the great western mining districts together with hundreds of world localities of note. Part of this collection once represented the nucleus of the famous Deseret Museum collection of Salt Lake City.

The fossil series are representative of many western and typical world localities. Much of this material was also formerly a part of the Deseret Museum collection. The vertebrate collection is especially rich in original fossils and casts of the characteristic mammalian fauna that lived in the Western states during the immediate geologic past.

The Archaeological collections include a number of well prepared case exhibits of Utah Indian materials, including pottery, basketry, stone implements, wearing apparel and picture writings. It also includes a number of South Pacific Islands collections together with what is thought to be the finest South American collection of Indian pottery in the West.

The Fine Arts collection consists of paintings, sculpture and art prints. Early pioneer artists are represented as well as more recent and modern painters and sculptors. The collection comprises also noteworthy pieces done by such foreign artists as George H. Taggart and Louis Potter of Chicago, Lee F. Randolph of San Francisco, Pedro J. Lemos, Palo Alto, Calif., and the late Wm. Morris, London, England. The halls throughout the institution are graced by the collection instead of its being assembled in an art gallery.

GENERAL REQUIREMENTS FOR UNDER-GRADUATE WORK

ADMISSION

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. In no case shall fewer than twelve of the sixteen units be acquired during the last three years of high school. He must offer among his credits the following:

English	3 units
A principal group.....	3 or more units
A secondary group.....	2 or more units

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. At least one unit in Mathematics, either Algebra or Geometry, must be included in either the principal or the secondary group. If the principal group is from Mathematics and Science, the secondary group must be from History and Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar of the University.

In case a student is unable to furnish an official transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the en-

trance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements but who is carrying fewer than eight hours of work will be designated as a special student.

COURSE DIVISIONS

Undergraduate courses of study are divided into:

- (a) Lower Division.
- (b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49," Upper Division courses from "50" to "99." Graduate courses are given numbers above "100."

ELECTION OF STUDIES

The student, in electing his studies, should, with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirement for graduation should be kept in mind in electing studies. Three hours credit in Physical Education are required of all Freshmen. Should a resident student desire to take courses by correspondence or in extension classes, the approval of the student's dean must be secured, and the correspondence or extension work entered upon the regular registration card. Excess

work taken by correspondence or extension classes not approved in this manner, will not be recorded for credit. Resident students of other institutions who apply for correspondence or extension class work, at this University, must have their proposed registration approved by the president of the institution in which they are registered. Students wishing to transfer correspondence credits from other institutions are subject to examination by the University department concerned.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-five hours credit and fewer than ninety at the beginning of the school year will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five at the beginning of the school year will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the

regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examination for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credit.

An incomplete course of study must be completed during the next quarter of residence, provided the next quarter of residence is within one year; otherwise the course must be retaken in a class or a special examination taken to obtain credit.

A fee of \$2.50 per credit hour is charged for special examinations, provided the total fee for any one subject does not exceed \$20.00.

GRADUATION

GENERAL REQUIREMENTS

For a student to be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered. At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

The following graduation requirements apply to all candidates for a bachelor's degree from any of the colleges of the University:

Total amount of credit.....	186 hours
Requirement for a major.....	30 hours
Requirement for a minor.....	20 hours

Group Requirements:

Mathematics and Physical Science..	12 hours
Biology and Psychology.....	12 hours
Social Science	12 hours
English and Foreign Languages....	18 hours

Lower Division courses required:

English 1, 2, and 3.

Physical Education, four hours.

A candidate for a Bachelor of Arts degree is required to furnish 24 hours credit in a foreign language. Shopwork, shorthand and typing will not be credited towards the A. B. degree.

Not more than 28 hours of "D" grade credit will be applied towards graduation.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer Session and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation and a candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements of graduation and to pass on candidates.

GROUP REQUIREMENTS

Ordinarily the object of the first two years of the University curriculum is to introduce the student to

fundamental fields of human interest and to provide a broad basis for later specialization. In order that these purposes may be achieved, certain studies should be completed under the direction of the respective deans. Before a regular student will be permitted to register for more than five quarter hours of upper division work during any one quarter, he must choose or be tentatively assigned to a major professor and have completed the number of hours prescribed in each of the following groups:

1. **Mathematics and Physical Science.** 12 hours. (Mathematics, Chemistry, Physics, Geology, and Geography.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

2. **Biology and Psychology.** 12 hours. (Botany, Zoology and Entomology, Psychology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

3. **Social Science.** 12 hours. (Economics, History, Political Science, Sociology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement.

4. **English and Foreign Languages.** 18 hours, at least 12 hours of which must be in English. This group must include English 1, 2, and 3. In case a student has credit for at least two units of foreign language taken in high school, this group may be reduced to 14 hours.

MAJOR AND MINOR REQUIREMENTS

At least sixty hours of upper division work must be furnished by students applying for graduation.

At the beginning of his college course, and in no

case later than his Junior year each student should select his major professor who, in connection with his dean, will serve as his special faculty advisor. At the time of his graduation he must have completed no fewer than thirty quarter hours in the department in which he is majoring, and no fewer than twenty hours in a collateral or minor subject which meets the approval of his dean and his major professor. He must also satisfy any special departmental requirements announced in the catalogue.

In cases where the prospective graduate's high school and college work shows marked evidence of deficiencies in grade of scholarship, in breadth of training, or a preparation for probable future activity, the dean may use his discretion in prescribing certain specified courses to the extent of fifteen quarter hours according to the needs of the particular student.

THE GRADUATE SCHOOL

All graduate work leading to higher degrees is now administered under the direction of the Graduate School.

Character of Graduate Work. The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration. All students pursuing graduate work are to be registered by the Dean of the Graduate School.

Students holding a Bachelor's degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If during any quarter of the senior year a candidate for a baccalaureate degree finds it possible to complete all requirements for such degree with a registration of fewer than sixteen hours of undergradu-

ate credit he may register with the Dean of the Graduate School for enough graduate credit so that the total registration shall not exceed sixteen quarter hours during such quarter.

Admission to graduate courses is granted only to those who have the requisite undergraduate work in those courses or departments. In order adequately to determine this fact the student should file with the Dean of the Graduate School an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Dean of the Graduate School for approval. Changes in registration may be made only with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only those students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such a course.

Admission to Candidacy. Registration for graduate study does not admit a student to candidacy for a higher degree. A graduate student who has been in residence one quarter or more whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy for a higher degree by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Dean of the Graduate School.

Requirements for the Master's Degree. Two higher degrees are offered: Master of Arts (M. A.), provided the candidate meets the foreign language requirement for the A. B. degree; and Master of Science (M. S.) if the candidate does not meet the foreign language

requirement for the A. B. degree. A student may be admitted to candidacy upon the completion of the following requirements: (a) The candidate must, after securing a Bachelor's degree, furnish 48 hours of graduate credit, approved by the Dean of the Graduate School and major professor, in addition to 186 hours of college credit, and 16 units of high school credit. Beginning with the school year 1935-36 the candidate will also be required to be in residence three quarters. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent research. The final acceptance of the thesis shall be under the supervision of a committee to be known as the Thesis Committee. This Committee shall consist of the major professor and two other persons to be selected by him. The thesis must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination to be given by a committee to be known as the Examining Committee. This Committee shall consist of five members including the Dean of the Graduate School, the major professor, and three other members to be selected by them.

The candidate shall furnish complete copies of his thesis to his major professor and to the Dean of the Graduate School at least five days before the date of the final examination. (d) A bound typewritten or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the Dean of the Graduate School a statement from the Librarian acknowledging the receipt of this copy. (e) A candidate for a Master's degree must secure a grade of "B" or above in three-fourths of his graduate work. No grade below "C" will count toward a Master's degree. (f) An applicant for this degree must furnish at least one-half of his graduate credit in his major subject. The rest of the credit for this degree must be offered in work closely related to the major subject.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor: **Graduation with Honor, and Graduation with High Honor.**

Second. The awards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer than fifty-five hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the numbers of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½," and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercises.

Term Honors. The University will post and publish at the close of each quarter of the regular school year the names of the one graduate student, the five

senior college students (juniors and seniors), and the five junior college students (freshmen and sophomores) who have received the highest grades in classwork during the quarter.

Class grades are to be used exclusively in determining honors, except in case of a tie, when the general school activity of the student shall be considered. The basis of the computation shall be credit hours times grade; and an "A" shall count one and one-half times a "B."

Colleges

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instruction in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Home Economics, Mechanic Arts.

The work offered will be of standard collegiate grade and upon completion of the required amount of study in fundamental subjects, specialized courses, and related work a student may be granted the degree of Bachelor of Science or Bachelor of Arts.

COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, law; or who desire to train for religious, political or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

In order that the beginning student may receive adequate guidance in the selection of a course of study this college has been divided, for purposes of freshman and sophomore registration only, into the following

divisions. Detailed suggestive courses may be obtained from the Dean on application.

Biological Science Division. For students with special interest in botany, psychology, and zoology.

Physical Science Division. For students with special interest in chemistry, geology, geography, mathematics and physics.

Social Science Division. For students with special interest in history, political science, sociology and economics.

Language Division. For students with special interest in English, French, German and Spanish.

General Course Division. For students who have as yet no special interest, but who need orientation.

This college also offers pre-engineering, pre-medical, and pre-legal courses as follows:

PRE-ENGINEERING COURSE

Freshman Year: English 1, 2, 3; Chemistry 4, 5, 6; Mathematics 11, 12, 49. The rest of time from the following: Drawing 4, 5, 6; Physical Education 1, 4, 5, 6, or electives.

Sophomore Year: Mathematics 50, 51, 52; Physics 41, 42, 43; Surveying, and the rest of the time from the following: Drawing, Economics, and electives.

PRE-MEDICAL COURSE

The following courses are required in a Pre-medical course: Chemistry 4, 5, 6, 71, 72; Physics 41, 42, 43; English 1, 2, 3; German 1, 2, 3, 55, 56, 57; Zoology 11, 18, 55, 56, 71, 72; Botany 21; Psychology 11; Sociology 1, 2, 3. Electives should be chosen from courses which satisfy group requirements.

PRE-LEGAL COURSE

Lower division students who contemplate the study of law should register for Political Science 1, 10, 11;

Economics 1, 2, 14; English 1, 2, 3; and Physical Education 1, 4, 5, 6. They are also advised to register for work in American and English history, and in Sociology. Electives should be chosen from courses which satisfy group requirements.

At least by the beginning of the junior year students should select their major department, and seek the aid of the major professor as well as the Dean in matters of registration. Students may select their majors from any of the following departments in the College of Arts and Sciences: Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The degrees, Bachelor of Arts and Bachelor of Science, are given to graduates of this College.

COLLEGE OF COMMERCE

The purpose of the College of Commerce is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions, for efficiency in office administration, and for the demands of the industrial and financial world. The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments: Finance and Banking, Accounting and Business Administration, Economics, Marketing, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, principals, supervisors, and superintendents. This college aims to meet the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and

for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The department of academic instruction, and the training schools.

The following departments are at present organized: Elementary Education, Philosophy of Education, Psychology, Educational Administration, Secondary Education, Religious Education, Physical Education.

In addition to the foregoing departments for majors and minors in the College of Education, students of this college may major in any department of the University, which department requirements they fulfill, provided they take at least thirty hours in professional educational subjects.

Students who intend to qualify for teaching should declare their intentions of doing so at the beginning of their junior year, if they intend to teach in the high schools, or at the beginning of their freshman year if they intend to teach in the elementary schools. Those who are preparing for high school teaching should also choose not later than the beginning of their junior year, a teaching major and a teaching minor in some of the departments of the University.

Training Schools—Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for kindergarten and elementary school work; second, a secondary training school which offers training in the six years of high school and gives ample opportunity for practice teaching to advanced students.

The degrees of Bachelor of Arts and Bachelor of Science are given to graduates of this College.

Students who are planning to become teachers in the elementary schools will be required to take a three-year course leading to the normal diploma which is granted to students registered in the College of Education who complete three years of college work. The prescribed work for this diploma is as follows:

Courses in Education: Elementary Education 1, 51, 52, 54, 55, 56, 57, 61 or 62 and 63; Art 41, 42; Music 41, 42; Psychology 21; Zoology 58. Other courses required: English 1, 2, 3; Botany 21; Library 11; Sociology 55, 71; Speech 1 or 11; Social Science 3 hours or History 1 or 82; Physical Education 1, 21, 22; and Geography 52.

Due to increasing the requirements for the Normal diploma from two years to three years, which transition began in 1932-33, only students of junior standing will be permitted to take elementary training.

This diploma is an endorsement of the student's fitness to teach in the elementary schools and will enable the student to secure a first class certificate from the state. Because of the size of the training school only a limited number of students can receive training each year.

Junior high school teachers are expected to complete three years of college work including the same special requirements made of senior high school teachers; viz., a teaching major of 30 hours or two minors of 18 hours each.

The Utah State Board of Education prescribes the following for an applicant for a Utah Five-Year High School Certificate:

"That he has completed a standard college course of four years or its equivalent.

"That he has a teaching major of 30 quarter hours in one subject taught in Utah high schools, and one teaching minor of 18 quarter hours in one subject taught in Utah high schools.

"That he has completed 3 quarter hours of work in health education, 5 quarter hours in ethics or sociology and 5 quarter hours in political science or economics.

"That he has at least 27 quarter hours of credit in education including at least 8 quarter hours in secondary training, 3 quarter hours in science or principles of education, 3 quarter hours in organization and administration of secondary education and 3 quarter hours in educational psychology.

"Deviation from any of these subjects should be made only with the approval of the School of Education giving the cause."

COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of fine arts.

At present the following departments are fully organized: Art, Speech, and Vocal and Instrumental Music. Majors may be selected from the work offered by these departments. Graduates of this college may receive the degree of Bachelor of Arts or Bachelor of Science.

SUMMER SESSION

It is the policy of the Brigham Young University to make the summer session one of the regular quarters of the school year. A large corps of teachers, supplemented by well known educators from other institutions, offers a wide range of subjects from each of the departments of the school.

The summer session is divided into two terms so that students may be in attendance only part of the summer, if they desire, without hindrance to the completion of their courses. The first term is held on the Provo Campus, the second on the Alpine Campus to the

east of Mount Timpanogos. This latter campus is located about fourteen miles from Provo at an elevation of nearly 7000 feet. Splendid roads lead to it, making it easily accessible to anyone wishing to drive there. Although a wide range of subject matter is taught on this campus it affords exceptionally fine conditions for the study of art and the natural sciences.

The summer session offers the opportunity to persons who are employed during the usual nine months of schooling to pursue graduate work, and to regular students the opportunity to complete requirements for graduation in a shorter time than four years.

LYCEUM COURSE

For many years the University has brought to its students distinguished men and women in lectures, in dramatic art, and in music.

During the past year the following appeared on the course:

Dr. Bruno Roselli.....	Lecturer
Charles Bowman Hutchins.....	Naturalist
Jan Cherniansky	Pianist
Dr. Frank Bohn.....	Lecturer
Norman Hapgood	Lecturer
John T. Flynn.....	Journalist
Capt. Gypsy Pat Smith.....	Lecturer
Frederic Dixon	Pianist
Com. Donald B. Macmillan.....	Explorer

Courses of Instruction

AGRONOMY

*Professors Martin, Nelson, Stewart; Associate Professor Sudweeks;
Assistant Professor Shaw.*

Students interested in the range management phase of forestry are advised to take the following courses:

Agronomy 21-22-23-41-52-57-70-91-94-123-170. Botany 54-55-56-57-58-59-103-159. Animal Husbandry 4-5. Landscape Architecture 8-9.

Lower Division Courses

21. General Crops. Autumn. M. W. F., 10:30. (Lab. T. Th. 2:30-4:30) Five hours credit. Shaw.

This course will deal with the fundamental principles underlying the production of crops. Selection, grading, judging and methods of protection will be studied.

22. Cereal Crops. Winter. T. Th., 10:30. Two hours credit. Shaw.

Emphasis will be placed upon a review of the results obtained at the various experiment stations throughout the world relative to the production of cereal crops.

23. Range Management. Spring. T. Th., 10:30. Lab. 2:30-4:30. Three hours credit. Shaw.

Range forage plants and their growth requirement, range improvement, and method of handling livestock.

41. Soils. Autumn. M. W. F., 9:30. Lab. Mon. 2:30-4:30. Three or four hours credit. Martin.

A review of the entire field of soil study. The physical, chemical and microbiological phase of soil study receives attention.

Upper Division Courses

52. Soil Fertility. Winter. M. W. F., 8:30. Laboratory period, M., 2:30-4:30 (prerequisite for laboratory: Chemistry 10.) Three or four hours credit. Martin.
This course deals especially with availability of soil nutrients, alkali soils, soil organisms, farm manures, green manures and crop rotation.

57. Soil Geology. Spring. M. W. F., 8:30. Three hours credit. Martin. (See Geology 57.)

Prerequisite: Geology 1, Agronomy 41, Physics 21 and General Chemistry. A review of the geological forces responsible for the formation of soils, together with a study of the influence that climate has had on the various soil horizons.

58. Soil Survey; Evaluation and Classification of Land. Spring. T. Th., 2:30-5:30. Two hours credit. Martin. Prerequisites: Agronomy 41, 57, and Chemistry 4, 5, 10. (Not given this year.)

This course is designed to follow Soil Geology. The aims and methods of soil survey, together with land evaluation and classification as an outgrowth of the survey work, are discussed.

60. Farm Management. Autumn. M. W. F., 9:30. Three hours credit. Shaw.

This course takes up the general consideration of farm management; types of farming, farm layout, farm capital, equipment, labor, tenancy, etc.

61. Economics of Farm Organization. Winter. M. W. F., 9:30. Three hours credit. Shaw.

The application of economics and business principles to the organization and management of a farm; the farmer as a business proprietor, his selection and combination of factors of production and farm enterprises.

62. Farm Accounting. Spring. T. Th., 9:30. Two hours credit. Shaw.

The keeping, use, and interpretation of farm accounts and records.

63. Teaching of Agriculture. Autumn. Three hours credit. Sudweeks. (See Secondary Education 63.)

70. Range and Forest Soils. One to four hours credit. Stewart and Martin.

Nature and quality of soils as they occur on ranges and forests of the intermountain region. Advanced students admitted by application for thesis problem in field during spring, summer or autumn.

91. Western Land Problems. Spring. M. W. F. Three hours credit. Nelson. (See Economics 91.)

92. Soil Microbiology. Autumn. M. W. F., 8:30. Three hours credit. Martin.

Prerequisites: Botany 21, and Agronomy 41, 52. A lecture course designed to acquaint the student with bacteria in relation to soil fertility.

93. Soil Microbiology. Autumn. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany course 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Botany 21, 22, and Chemistry 6.

94. History of Agriculture. Spring. M. W. F., 9:30. Three hours credit. Nelson. (See Economics 93.)

96. Seminar. One hour credit each quarter. Martin, Nelson and Shaw.

Current agronomic literature, agricultural problems. Assigned topics will be considered in the form of a round table discussion. Required of all seniors and graduate students majoring in agronomy.

97. Research. Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin.

98. **Special Problems in Soils.** Credit, time, and subject matter to be arranged. Martin.

Chemical, bacteriological and other special laboratory work.

99. **Agricultural Literature.** A study of agronomic literature. Special problems and written reports. Time and credit to be arranged. Martin.

Graduate Courses

120. **Agronomy.** Research in Biological Methods. (See Horticulture 120.)

123. **Advanced Range Management.** Time and credit to be arranged. Stewart.

157. **Soil Geology.** Spring. M. W. F., 8:30. Three hours credit. Martin.

158. **Soil Survey and Evaluation.** Two hours credit. Martin. (Not given this year.)

170. **Range and Forest Soils.** Four or five hours credit. Stewart.

191. **Western Land Problems.** Spring. Three hours credit. Nelson. (Not given this year.)

192. **Soil Microbiology.** Autumn. M. W. F., 8:30. Three hours credit. Martin.

193. **Soil Microbiology Laboratory.** Autumn. W. F., 2:30-5:30. Two hours credit. Martin.

196. **Seminar.** Credit to be arranged.

197. **Research.** Time and credit to be arranged.

198. **Special Problems in Soils.** Time and credit to be arranged.

199. **Agricultural Literature.** Time and credit to be arranged.

200. **Thesis.** Credit to be arranged.

ANIMAL HUSBANDRY

Assistant Professor Ivins; Professor Martin; Dr. Cullimore

Lower Division Courses

1. **Elementary Stock Judging.** Autumn. M. W. F., 1:30-4:30. Three periods of three hours a week. Three hours credit. Ivins.

This course consists of a study of the market types and classes of live stock. Field trips will be made to farms of the county where practice in scoring and judging of animals will be done.

2. **History of Breeds.** Spring. Daily, 9:30. Five hours credit. Ivins.

All breeds of live stock will be studied. Emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breed to western conditions.

4. **Beef Cattle Husbandry.** Winter. T. Th., 9:30. Two hours credit. Ivins.

This course is a consideration of the types and breeds, feeds, care and management of beef cattle for western conditions. The student will be made familiar with beef animals by frequent field trips.

5. **Sheep Husbandry.** Spring. T. Th., 10:30. Two hours credit. Ivins.

Types and breeds of sheep will be reviewed followed by study of the management, care and feeding of sheep, both on the range and on the farm.

6. **Swine Husbandry.** Winter. T. Th., 10:30. Two hours credit. Ivins.

Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming.

7. **Feeding of Farm Animals.** Spring. M. W. F., 10:30. Three hours credit. Ivins.

A study of the chemical composition of feeds, the needs of the animal body, the compounding of rations and methods of practice in feeding.

8. **General Poultry.** Winter. M. W. F., 9:30. Three hours credit. Ivins.

A study of breeds, judging, breeding, incubating, brooding, housing, feeding and marketing.

9. **Diseases of Farm Animals.** Autumn. M. W. F., 1:30. Three hours credit. Ivins. (Not given this year.)

A study of the anatomy of farm animals, of the common diseases of horses, cattle, sheep, hogs, and poultry; their causes, prevention, and treatment.

21. **Elements of Dairying.** Autumn. M. W. F., 8:30. Three hours credit. Ivins.

A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; use of milk as human food.

Upper Division Courses

51. **Animal Breeding.** Winter. M. W. F., 9:30. Three hours credit. Ivins.

Principles, practices, and methods involved in the breeding and development of domesticated animals. Mendelism in animals, transmission, heredity, value of pedigree, systems of breeding, etc. Prerequisite: Zoology 78, or Botany 80.

59. **Types and Breeds of Poultry.** Spring. T. Th., 9:30. Two hours credit. Ivins.

A study of the popular breeds of domestic fowls, their origin, classification, methods of mating and breeding. Designed especially for students planning to engage in Smith-Hughes and club work.

61. **Special Poultry Problems.** Autumn. T. Th., 10:30. Two hours credit. Prerequisite: Animal Husbandry 8.

Detailed study of problems of housing, brooding, feeding and culling. Study of latest developments in these fields, using current literature as basis of work.

- 62. Dairy Bacteriology.** Winter. Laboratory 1:30 to 4:30, T. Th., and one class period to be arranged. Three hours credit. Martin.

Attention is given to the bacteria of milk and dairy products in general, and their relation to disease. Prerequisites: Botany 21 and 22, and Animal Husbandry 21.

- 65. Animal Physiology.** Spring. M. W. F. Laboratory, T., 1:30-4:30. Five hours credit. Cullimore. (See Zoology 65.)

- 81. Milk and Milk Products.** Winter. M. W. F., 10:30. Three hours credit. Ivins.

A course dealing with the properties, composition, and constituents of milk, the manufacture and marketing of milk products. Prerequisites: Animal Husbandry 21 and one year of bacteriology.

- 91. Dairy Survey.** Winter. Time to be arranged. One hour a week. One hour credit. Ivins.

A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class.

- 92. Seminar.** Spring. Time to be arranged. One period a week. Ivins.

Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry.

- 98. Experimental Animal Nutrition.** Open to seniors and graduates only. Prerequisites: 5 hours in organic or bio-chemistry, and Animal Husbandry 7. This course is designed to acquaint students with the methods used in small animal experimentation. One

hour lecture. Laboratory time and credit to be arranged.

Graduate Course

110. Research in Nutrition. Time and credit to be arranged. Ivins.

Open to graduates only, major or minor. Designed for students in Animal Husbandry and Home Economics who desire to get acquainted with the problems of nutrition.

ART

Professors Eastmond, Larsen; Assistant Professors Jensen, Snell.

Students majoring in Art are required to take courses 1, 7, 8, 9, 11, 12, 13, 21, 38, 39, 40, 52, 53.

Lower Division Courses

1. **Art Appreciation.** Autumn. M. W. F., 1:30. Three hours credit. Eastmond.

Foundational principles of art introduced as a means for the general appreciation of art in nature and in the creations of the artist.

7. **Graphic Representation.** Autumn. M. W. F., 2:30. Two hours credit. Larsen.

Object drawing in various media. Emphasis upon tone study in charcoal and upon mass media. Linear and circular perspective.

8. **Graphic Representation.** Winter. M. W. F., 2:30. Two hours credit. Larsen.

Emphasis upon drawing from still life, the cast, and the costumed model. Objective composition.

9. **Graphic Representation.** Spring. M. W. F., 2:30. Two hours credit. Larsen.

Study of perspective. Outdoor sketching in pencil and crayon media.

- 11, 12, 13. **Water Color Painting.** Autumn, Winter, Spring. T. Th., 3:30-5:30. Two hours credit each quarter. Eastmond.

Pictorial composition emphasized. Theory of color scheming. Standard methods introduced. Out-door sketching.

- 14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. One to two hours credit each quarter. Jensen.

Show card writing, poster designing, advertising arrangement.

- 17, 18, 19. **Process Illustration.** Autumn, Winter, Spring. T. Th., 10:30. Two to four hours credit each quarter. Eastmond.

Method of drawing and painting for illustration. Drawing for the various process methods of modern engraving. Correlative illustration. Color theory applied. (Art 7 or the equivalent is prerequisite to 18.)

21. **Theory and Practice of Design.** Autumn, Sec. 1, M. W. F., 1:30. Sec. 2, T. Th., 1:30: Sections are arranged to correlate with the lines of work taken up in Art 25, 28, 29, etc., 32p, 35, 47, etc. Two hours credit. Eastmond and Larsen.

Rhythm, balance, harmony, and other foundational principles. Color study. The principles of design and color theory that are fundamental to the other courses in this department.

- 25, 26. **Applied Design.** Winter and Spring. T. Th., 1:30. Studio hours to be arranged. Two hours credit. Eastmond.

The principles of creative design as applied to the textile arts and ceramics. Theory of color adapted to creative design. Motif drawing emphasized. Prerequisite: Art 21.

28. **Home Planning.** Winter. M. W. F., 1:30. Two hours credit. Larsen.

Art principles applied to house planning. Historic development of the house. Study of common types of American homes. Relation of house and garden. Study of line, form and color.

29. **Interior Decoration.** Spring, M. W. F., 1:30. Two hours credit. Larsen.

The study of the art principles as applied to the decoration and the furnishing of the home.

- 32p. **Ceramic Art (China Painting, etc.).** Winter. Time

to be arranged. One or two hours credit. Special fee for private instruction. Prerequisite: Art 21.

Application of the various methods of original design in the decoration of appropriate wares.

- 33p. Ceramic Art.** Spring. Time to be arranged. One or two hours credit. Special fee for private instruction. Prerequisite: Art 25.

Emphasis on original designing.

- 35, 36. Mechanic Arts Design.** Winter, Spring. M. W. F., 1:30. Two hours credit each quarter.

Design principles applied to the work of mechanic arts. Prerequisite: Art 21.

- 38. Outdoor Sketching with Oil Colors.** Autumn. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Landscape study. Brush drawing of trees and other landscape elements. Representation of foreground, middle distance, and distance. Landscape composition.

- 39. Still Life and Figure Painting with Oil Colors.** Winter. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Painting of flowers, fruits, pottery, and other still life objects. Pictorial composition emphasized.

- 40. Outdoor Sketching with Oil Colors.** Spring. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

- 41, 42, 43. Art for Elementary School Teachers.** Autumn, Winter, Spring, M. W. F., 3:30. One to three hours credit each quarter. Jensen.

Simple drawing and painting with various media. Paper cutting and construction, clay, crayons, water color, etc. Study of materials suitable for elementary applied design.

- 47, 48. Scenery Painting.** Winter and Spring. T. Th., 3:30. Two hours credit each quarter. Eastmond.

The principles of pictorial and decorative composition applied to the theatrical stage. Applied color

theory. Stage property designing and painting. Practical scenery painting. Prerequisite: Art 21.

Upper Division Courses

- 52. Art History and Appreciation.** Winter. M. W. F., 1:30. Three hours credit. Eastmond.

Prehistoric structure, sculpture, graphic art and decoration. Interpretation and classification of masterpieces of architecture, sculpture, decoration and painting to the end of the middle ages.

- 53. Art History and Appreciation.** Spring. M. W. F., 1:30. Three hours credit. Eastmond.

Renaissance architecture, sculpture, and decoration. Emphasis upon schools of painting beginning with the Primitive Florentine down to those of the nineteenth century. Illustrated lectures.

- 54. Methods of Teaching Art.** Autumn, Winter or Spring. M., 3:30. Two hours credit. Eastmond. (See Secondary Education 62.)

- 57, 58, 59. Interpretative Drawing.** Autumn, Winter, Spring. M. W. F., 3:30. Two hours credit. Larsen.

Figure and nature compositions in various media. Head, life, and the costumed model emphasized.

- 61, 62, 63. Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. Studio hours to be arranged. Two to four hours credit each quarter. Jensen.

Poster designing and lettering. Systems of lettering. Sign writing in various media. Historic alphabets. Prerequisites: Art 14, 15, 16, 21.

- 64. Water Color Painting.** Autumn. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.

Objective landscape and still-life painting. Emphasis upon composition in line, mass and color. Theory of color scheming continued. Out-door sketching.

- 65. Water Color Painting.** Winter. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.
Subjective and decorative landscape painting emphasized; nature motif work. Color theory applied.
- 66. Water Color Painting.** Spring. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.
Continuation of Art 65. Outdoor sketching. Individual expression emphasized.
- 67. Oil Painting.** Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.
Emphasis upon landscape painting.
- 68. Oil Painting.** Winter, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.
Painting from still life and the costumed model.
- 69. Oil Painting.** Spring, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.
Outdoor sketching and landscape composition.
- 71, 72, 73. Decorative Painting and Applied Art.** Autumn, Winter, Spring. M. W. F., 2:30. Two to four hours credit each quarter. Eastmond.
Applied painting. Decorative composition correlated with interior decoration. Mural painting. Advanced scenery painting and poster designing. Creative designing applied to various crafts.
- 74, 75, 76. Process Illustration and Art Etching.** Autumn and Winter. T. Th., 10:30. Studio hours to be arranged. One to four hours credit each quarter. Eastmond. Prerequisites: Art 7, 8, 9, or 14, 15, 16.
Pictorial composition especially adapted to the various phases of line, tone and color engraving.
- 80, 81. Home Planning and Interior Decoration.** Winter and Spring. M. W. F., 1:30. Two hours credit each quarter. Larsen. (See Household Administration 50 and 51.)
- 84, 85, 86. Art Pageant Production.** Autumn, Winter,

Spring. T. Th., 4:30. Two hours credit each quarter. Eastmond. Prerequisite, Art 21.

Pageantry and art expression. Principles of pageant composition. Symbolic representation. Study of tableau composition. Pageant costume and property designing. Outdoor production emphasized.

Graduate Courses

151, 152, 153. Nineteenth and Twentieth Century Art. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit. Larsen.

Appreciative interpretation of important works of art. Impressionism and modernist experiments in Europe and America. The development of American art. Contemporary artists and their work.

157, 158, 159. Interpretative Drawing and Painting. Autumn, Winter, Spring. Two hours credit. Larsen. Composition study in various media.

164, 165, 166. Water Color Painting. Autumn, Winter, Spring. Two hours credit each term. Eastmond.

Pictorial composition emphasized. Development of individual and temperamental expression.

167, 168, 169. Pictorial Composition—Oil Painting. Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Two or three hours credit. Larsen.

174, 175, 176. Advanced Process Illustration and Art Etching. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each term. Eastmond.

200. Research. Autumn, Winter Spring. W., 3:30. Credit to be arranged.

BOTANY

Professors Martin, Stewart, Morris, Mr. Harrison.

Students majoring in Botany should present credit in Botany 1, 2, 3, 50, 51, 57, 60.

Lower Division Courses

1. **General Botany.** Autumn, Spring. T. Th., 10:30. Laboratory, Th. or F., 1:30-4:30. Three hours credit. Harrison.

Course dealing with the fundamentals of the structure, physiology, and reproduction of plants. Prerequisite course to further work in the field of plant life. Recommended for the non-science student.

2. **General Botany.** Winter. T. Th., 10:30. Laboratory, T., 1:30 to 4:30. Three hours credit. Harrison.

An introduction to members of the plant kingdom exclusive of the seed-plants. The habitat, structure, and life-history of members of a representative series of algae, fungi, mosses, and ferns.

3. **Flowers of the Wasatch.** Spring. M. W., 2:30-5:30. Three hours credit. Harrison.

The identification of early flowering plants of the Wasatch region, and training in the use of manuals along with some individual collecting work.

8. **Ornamental Woody Plant Materials.** Autumn. T. Th., 8:30. Two hours credit. Morris. (See Horticulture 8.) (Not given this year.)

9. **Ornamental Woody Plant Materials.** Spring. T. Th., 8:30. (Lab. 2:30-5:30.) Three hours credit. Morris (See Horticulture 9.) (Not given this year.)

21. **General Bacteriology.** Autumn or Winter. M. W. F., 10:30. Three hours credit. Martin

The course will consist of a study of the general characteristics and activities of microorganisms and their relation to man.

- 22. General Bacteriology.** Laboratory. Autumn or Winter. Two hours credit. T. Th., 1:30-4:30. Martin.

Laboratory course in general bacteriology, designed to accompany Botany 21.

Upper Division Courses

- 50. Algae and Fungi.** Autumn. T. Th., 8:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Harrison.

A study of the morphology, life histories, classification and relation of the main groups of algae and fungi. Prerequisite: Botany 1.

- 51. Liverworts, Mosses and Ferns.** Winter. T. Th., 8:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Harrison.

A study of the morphology, life histories and relationships of the liverworts, mosses and ferns. Prerequisite: Botany 1.

- 52. Seed Plants.** Spring. T. Th., 8:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Harrison.

A study of the morphology, life histories, classification and relationship of the higher plants. Prerequisites: Botany 1.

- 57. Plant Ecology.** Autumn. M. W., 10:30, also one field trip or laboratory period a week. Three hours credit. Harrison.

The plant in relation to its environment and its adaptation to the factors of soil and climate; plant communities and succession of various types of vegetation. Prerequisite: Botany 1.

- 58. Geographic Ecology.** Winter. M. W. F., 10:30. Three hours credit. Harrison.

A course devoted to a survey of the various floristic regions of the earth, with emphasis on North American problems. The course should be of special interest to students who expect to travel.

59. **Range and Forest Ecology.** Autumn, Spring or Summer. One to four hours credit. Stewart and Martin.

Distribution of desert, mountain, and forest plants as influenced by the climatic and soil environment. Advanced students may be admitted by application for thesis problem in field.

60. **Plant Physiology.** Winter. M. W., 8:30; Laboratory, M. W., 1:30 to 4:30. Four hours credit. Harrison.

A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates and proteins, etc. Prerequisites, Botany 1 and Chemistry 1 and 2.

65. **Plant Histology.** Spring. Time to be arranged. Three hours credit. Harrison.

This is primarily a laboratory course in the technique of preparing, staining and mounting of sections for microscopical examination. Prerequisite: Botany 1.

69. **Methods of Teaching Biology.** Autumn or Winter. Two hours credit. Hayward. (See Zoology 69 and Secondary Education 69.)

70. **Diseases of Cultivated Plants.** Autumn. M. W. F., 8:30; Laboratory M., 1:30 to 4:30. Four hours credit. Harrison.

This course deals with the important diseases of local plants, their identification, cause and treatment. Prerequisite: Botany 1, 50.

75. **Seminar.** Autumn, Winter. One hour credit for each quarter. Harrison, Martin, Morris.

81. **Pathogenic Bacteriology.** Spring. M. W. F., 10:30. Three hours credit. Martin.

An advanced course in bacteriology, designed for those desiring information about human diseases and who are preparing for the professions of nursing, public health work, dietetics and medicine.

82. Pathogenic Bacteriology Laboratory. Spring. W. F., 2:30-5:30. Two hours credit. Martin.
Designed to accompany Botany 81.

85. Special Problems In Botany. Credit, one to five hours. Time to be arranged. Martin, Harrison.

92. Soil Microbiology. (See Agronomy 92.)

93. Soil Microbiology. (See Agronomy 93.)

Graduate Courses

103. Field Ecology. Time and credit to be arranged. Harrison.

Field work in plant ecology done in connection with the regular biological expeditions sent out by the University. The full time of the student will be required during the period of field work.

153. Advanced Special Morphology. Time and credit to be arranged. Harrison.

Critical studies in the morphology of special groups.

159. Range and Forest Ecology.

160. Plant Physiology.

170. Diseases of Cultivated Plants.

175. Seminar.

181. Pathogenic Bacteriology.

182. Pathogenic Bacteriology Laboratory.

185. Special Problems in Botany.

192. Soil Microbiology.

193. Soil Microbiology.

200. Research.

CHEMISTRY

*Professor Maw; Assistant Professor Nicholes; Mr. Peterson,
Mr. Johnson; Assistants Wing, Beck, Lott.*

Students majoring in Chemistry must present credit in Chemistry 4, 5, 6, 10, 11, 12 or 62, 57, 70, 71, 72, 82, and are advised to commence work in German or French and in Mathematics as early as possible. Chemistry Majors are also required to attend the weekly Seminar.

Suggestions of sequence for the first three years in Chemistry are—3, 5, and 6 constitute the freshman year; 10, 11 and 12 the sophomore year; 57, 70, 71, 72 the junior year.

Lower Division Courses

1. **Elementary General Chemistry.** Autumn, Winter or Spring. Daily, 10:30. Four hours credit. Four lectures and demonstration periods and one quiz section. Peterson.

This course is an introductory survey of chemistry. It is intended for students who desire a knowledge of the subject for its cultural and informational value.

2. **Elementary General Chemistry.** Autumn, Winter or Spring. Two hours credit. Lecture F., 3:30; Laboratory. M. W., 3:30 to 5:30. Peterson.

Essentially a laboratory course to follow or accompany Chemistry 1.

3. **Introductory General Chemistry.** Autumn. M. W. F., 2:30. Five hours credit. Three lectures and two laboratory periods. (Laboratory T. Th., 3:30-5:30.) Johanson.

This course is designed for persons who intend to major in home economics or whose objectives do not require the technical training of Chemistry 4.

4. **General Inorganic Chemistry.** Autumn. (Daily, 8:30, or Winter. Daily, 2:30.) Five hours credit. Three lectures and demonstration periods, one quiz

section, and two two-hour laboratory periods. Laboratory Sections: Autumn, T. Th., 8:30-10:30; M. W., 1:30-3:30; M. W., 3:30-5:30; T. Th., 1:30-3:30. Winter: M. W., 3:30-5:30. Nicholes.

A technical and intensive study of the principles of inorganic chemistry in connection with the non-metals. Prerequisites: high school chemistry or Chemistry 1, and 2.

5. **General Inorganic Chemistry.** Winter. M. W. F., 8:30, Spring. M. W. F., 2:30. Five hours credit. Three lectures and demonstration periods, one quiz section, and two two-hour laboratory periods. Laboratory sections: Winter, M. W., 1:30-3:30; T. Th., 1:30-3:30; Spring, T. Th., 2:30-4:30. Nicholes.

Continuation of Chemistry 4, including a discussion of metals.

6. **Principles of Chemistry and Qualitative Analysis.** Spring. Daily, 8:30. Five hours credit. Two lectures and demonstration periods, one quiz, and three two-hour laboratory periods. Nicholes.

Theory and practice of inorganic qualitative analysis. The qualitative processes are inductively developed in the laboratory. Prerequisite: Chemistry 4 and 5.

9. **Elementary Organic Chemistry.** Winter. M. W. F., 9:30. Five hours credit. Three lectures, one recitation, and one quiz period and two two-hour laboratory periods. Laboratory: T. Th., 3:30-5:30. Johanson.

Special emphasis is placed on those portions of Organic Chemistry that lay the foundation for a study of food and nutrition and Bio-Chemistry.

- 10, 11, 12. **Elementary Quantitative Analysis.** Autumn, Winter, and Spring. W., 1:30. Three hours credit each quarter. One lecture and two three-hour laboratory periods. Laboratory: M. W., 2:30-5:30; T. Th., 1:30-4:30. Maw and

The technique of gravimetric, volumetric and electrolytic processes of quantitative determinations.

The principles and theoretical background are discussed. Prerequisites: Chemistry 4, 5, 6 and College Algebra

Upper Division Courses

51. Advanced Inorganic Chemistry. Autumn or Spring. Three hours credit. T. Th., 1:30. One recitation and two laboratory periods. Nicholes.

57. Laboratory Technique. Autumn, Winter or Spring. One hour credit F., 2:30. Maw and

This course gives training in glass manipulation and construction of apparatus.

62. Quantitative Analysis. Autumn, Winter, or Spring. Lecture W., 1:30, and one to three three-hour laboratory periods. Two to four hours credit. Maw and

Continuation of Chemistry 10, 11. Lectures and student reports on special topics bearing on the chemical principles involved.

63. Advanced Quantitative Analysis. Autumn, Winter, or Spring. Time to be arranged. Two to ten hours credit according to work done. Maw and

Complete analysis of typical minerals will be carried out. Written reports.

70. Organic Chemistry. Autumn. Recitations, M. W. F., 9:30 and laboratory periods. T. Th., 1:30-4:30. Five hours credit. Maw and

Introduction to the study of carbon compounds. Laboratory experience in the syntheses and the reactions of the different classes of organic compounds discussed in the class.

71. Organic Chemistry. Winter. Three recitations. M. W. F., 9:30 and two laboratory periods. Five hours credit. Maw and

Continuation of Chemistry 70. Aromatic compounds.

72. Organic Qualitative Analysis and Advanced Organic Chemistry. Spring. Two recitations. T. Th., 9:30. Laboratory: W. F., 2:30-5:30. Four hours credit. Maw and

73. Organic Preparations. Spring. M. W. F., 2:30. Three hours credit. Maw. (A laboratory course.)

76. General Bio-Chemistry. Spring. M. W. F., 1:30 and two laboratory periods: T. Th., 2:30. Five hours credit. Maw or

This course aims to give a comprehensive outlook and acquaintance with the broader aspects of Bio-chemistry for students majoring in Biology, Medicine, Home Economics, or Agriculture.

77. Bio-Chemistry. Spring. Two recitations and three laboratory periods. Five hours credit. Maw or

This course deals largely with the chemistry involved in the human physiological processes.

82. Physical Chemistry. Autumn. T. Th., 9:30 and two laboratory periods: T. Th., 2:30-5:30. Four hours credit. Peterson.

An introduction to modern chemical theory. Prerequisite: Physics 42, Chemistry 12, Mathematics 51 (Calculus.)

84. Physical Chemistry. Winter. T. Th., 9:30 and one laboratory F., 2:30-5:30. Three hours credit. Peterson.

Continuation of Chemistry 82.

86. Colloid Chemistry. Spring. One lecture, W., 9:30 and two laboratory periods, T. Th., 2:30. Three hours credit. Peterson.

90, 91, 92. Seminar. Autumn, Winter or Spring. Friday 3:30. One hour credit. Open to advanced undergraduates and required of senior majors.

Graduate Courses

101. Colloid Chemistry. Spring. W., 9:30 and two lab-

oratory periods. T. Th., 2:30-5:30. Three hours credit. Peterson.

Fundamental properties of substance in the colloid state. Assigned readings and written and oral reports. Prerequisite: Chemistry 82.

103. Organic Preparations. Any quarter. Time to be arranged. Three to five hours credit, according to the quality and amount of work. Maw.

104. Qualitative Organic Analysis. Spring. Two recitations. T. Th., 1:30 and laboratory W. F., 2:30-5:30. Four hours credit. Maw.

Problems and assigned readings. Practice in identifying pure organic compounds and simple mixtures by analysis, physical properties and the preparation of derivatives.

105. Quantitative Organic Analysis. Spring. Time to be arranged. Two hours credit. Maw.

Quantitative analysis of organic compounds. Combustion methods.

106. Studies in the History of Chemistry. Autumn, Winter, and Spring. One hour credit each quarter. Maw.

109. Advanced Inorganic Chemistry. Autumn, Winter, and Spring. Hours and credit to be arranged. Nicholes.

Special topics in inorganic chemistry, written and oral reports.

110. Advanced Inorganic Chemistry. Winter. W., 3:30. Laboratory T. Th., 2:30-5:30. Three hours credit.

Preparation of more difficult inorganic substances and a study of non-aqueous solvents.

163. Advanced Quantitative Analysis. Autumn, Winter, or Spring. Time to be arranged. Two to ten hours credit, according to work done.

Complete analysis of typical minerals will be carried out. Written reports.

166. Special Methods in Quantitative Analysis.

- a. **Water Analysis.** Two hours credit.
- b. **Food Analysis.** Two hours credit.
- c. **Electrolytic Analysis.** Two hours credit.
- d. **Fire Assaying.** Two hours credit.

These courses may be taken any quarter, the time to be arranged. These are laboratory courses and written reports and discussions of the chemistry involved will form a part of the work. Prerequisites: Chemistry 10, 11, 12, or 62.

177. Bio-Chemistry. Autumn. Three recitations and two laboratory periods. Five hours credit. Prerequisite: Chemistry 76.**184. Physical Chemistry.** Winter. T. Th., 9:30 and one laboratory F., 2:30. Three hours credit. Peterson.**190, 191, 192. Seminar.** Autumn, Winter or Spring. M., 4:30. One hour credit.**197. Research in Organic Analytical and Physical Chemistry.** Time and credit to be arranged.**200. Thesis.** Time and credit to be arranged.

COMMERCE

ACCOUNTING AND BUSINESS ADMINISTRATION

Professors Clark, Poulson, Eyring; Associate Professors Boyle, Johnson.

Students majoring in this department are required to take courses 1, 2, 56, and 74.

Lower Division Courses

1. **Elementary Accounting.** Autumn, Winter, and Spring. Daily. Autumn 1:30; Winter 10:30; Spring 1:30. Daily laboratory 1:30-3:30, one hour of which is required each day. Five hours credit. Johnson.

An introduction to college accounting. The aim of this course is two-fold: first, a preparation for those who plan to enter business at once, and second, as a foundation course for advanced work in accounting.

2. **Elementary Accounting.** Winter and Spring. Daily. Winter 1:30; Spring 10:30. Daily laboratory, 1:30-3:30, one hour of which is required each day. Five hours credit. Johnson.

Continuation of course 1.

Upper Division Courses

- 50, 51, 52. **Intermediate Accounting.** Autumn, Winter, Spring. M. T. W. Th., 10:30. Four hours credit each quarter. Clark.

Primarily corporation accounting with special emphasis on problems of depreciation, bases of revaluation, inventorying, etc. Open to students who have had Accounting 2, or the equivalent.

53. **Principles of Risk-Bearing.** M. W. F., 2:30; three hours credit. Boyle. (See Economics 53.)

54. **Credits and Collections.** Winter. M. W. F., 1:30. Three hours credit. Boyle. (Not given this year.)

Principles covering the granting of credit, the con-

trol of the credit line, when and how collections are made, establishment of retail credit bureaus, contracts, installment selling plans.

56. **Mathematical Theory of Investment.** Spring. M. W. F., 2:30. Three hours credit. Eyring. (See Mathematics 35.)

62. **Industrial Management.** Winter. M. W. F., 10:30. Three hours credit. Boyle. (Not given this year.)

The organization of business for the most effective control of general administration, sales, purchases, etc., will be stressed. Prerequisite, Economics 61.

63. **Personnel Administration.** Spring. M. W. F., 10:30. Three hours credit. Boyle.

A study of modern practices and development in the scientific adjustment of the relations of employer and employee. Such problems as labor supply, labor turnover, promotion policy, etc., are studied.

64. **Psychology Applied in Business.** Autumn. M. W. T. F., 9:30. Four hours credit. Poulson. (See Psychology 64)

65. **Experiments in Business Psychology.** Winter. Lecture W. 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

67. **Real Estate Procedure.** Spring, 1:30. M. W. F. Three hours credit. Boyle. (Not given this year.)

A course which deals with the real estate problem, urban land valuation, real estate merchandising and selling, the problem of the separation of land and building valuation for rental purposes.

68. **Business Management.** Spring. M. W. F., 1:30. Three hours credit. Boyle.

The business cycle and its relation to policies and principles of business management. Senior standing is a prerequisite in order to draw upon the entire college background of business training.

- 74. Principles of Statistics.** Autumn and Winter. M. W. F. Autumn 1:30; Winter 2:30. Three hours credit each quarter. Boyle.

Introduction to statistics This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration, and Marketing.

- 75. Business Statistics.** Winter and Spring. M. W. F. Winter, 1:30; Spring, 2:30. Three hours credit each quarter. Boyle. Prerequisite: Elementary statistics.

Fundamental methods of statistics in business and economic applications. Estimating future business; economic forecasting; fluctuations of business.

- 91. Cost Accounting.** Autumn. M. T. W. F., 8:30. Four hours credit. Boyle. Prerequisites: Courses 50, 51 and 52.

Introduction to methods and principles of cost finding. Specialized methods of handling materials, costs, labor costs and overhead expense.

- 92. Advanced Cost Accounting.** Winter. M. T. W. F., 8:30. Four hours credit. Boyle. Prerequisite: Accounting and Business Administration 91

Industrial accounting. Practical work in cost determination. Analysis of uniform cost accounting systems of modern industries.

- 93. Income Tax Procedure.** Spring. M. T. W. F., 1:30. Four hours credit. Boyle. Prerequisites: Accounting 50, 51, and 52.

Federal and State income tax regulations and procedure. This course is designed to qualify the student for practical income tax work.

- 94. Auditing Theory.** Autumn. M. W. F., 9:30. Three hours credit. Boyle. Prerequisites: Courses 50, 51, and 52.

Principles and methods of public accounting work. Rules of professional responsibility and conduct. Advanced interpretation of accounts and financial statements.

95. **Auditing Practice.** Winter. M. W. F., 9:30. Three hours credit. Boyle. Prerequisite: Course 94.

Practical work in auditing. Technique of verification of accounts and financial statements. Audit working papers.

96. **Advanced Accounting Problems.** Spring. M. T. W. F., 9:30. Four hours credit. Boyle. Prerequisites: Accounting and Business Administration 50, 51, 52.

C. P. A. and American Institute of Accountants' problems. Courses recommended as preparation: Accounting and Business Administration 50, 51, 52, 92, 93, and 94; Finance and Banking 43, 44, 51 and 52.

Graduate Courses

101. **Cost Accounting.** (See Accounting and Business Administration 91.)
102. **Advanced Cost Accounting.** (See Accounting and Business Administration 92.)
103. **Income Tax Procedure.** (See Accounting and Business Administration 93.)
104. **Auditing Theory.** (See Accounting and Business Administration 94.)
105. **Auditing Practice.** (See Accounting and Business Administration 95.)
106. **Advanced Accounting Problems.** (See Accounting and Business Administration 96.)
- 111-112-113. **Research in Accounting.** Hours and credit to be arranged with instructor.
- 114-115-116. **Research in Statistics.** Hours and credit to be arranged with instructor.
- 181-182-183. **Seminar in Business Psychology.** One to three hours credit. (See Psychology, 181-182-183.)

FINANCE AND BANKING

Professors Clark, Jensen, Miller.

Lower Division Courses

14. **Economic and Financial History of the United States.** Autumn and Spring. M. W. F., 2:30. Three hours credit. Miller. (See Economics 14.)

The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization.

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 43.)
44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 44.)
45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 45.)

Upper Division Courses

- 51, 52. **Business Finance.** Autumn, Winter. M. T. W. Th., 9:30. Four hours credit each quarter. Clark. Prerequisites: Economics 1 and 2.

Financial problems connected with the organization of corporations, underwriting and the sale of securities, management, expansion, and the reorganization of those that are not successful.

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. Prerequisites: Economics 1 and 2. (Not given this year.)

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States.

54. **Investments.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. Prerequisite: Finance and Banking 51.

A study of the various forms and methods of investment.

67. **Public Finance and Taxation.** Winter. M. W. F., 2:30. Three hours credit. Miller. (See Economics 67.)

The science of public finance; the theory of public

expenditure; public income and public debts; the preparation of the budget and financial administration.

Graduate Course

101. **Research in Business Finance.** Winter, Spring. Two to five hours credit. Clark.

MARKETING

Associate Professor Johnson; Professor Miller; Associate Professor Boyle; Assistant Professor Edgar Jesnen; Mr. Coffman.

Lower Division Courses

- 14, 15, 16. **Commercial Art.** Autumn, Winter, or Spring. M. W. F., 10:30. One or two hours credit each quarter. Jensen. (See Art 14, 15, 16.)
27. **Agricultural Marketing.** Winter. M. W. F., 10:30. Three hours credit. Johnson. (Not given this year.)
An analysis of the problems of cooperative marketing of agricultural products, from the standpoints respectively of farmers, middlemen, and consumers.
30. **Geography of Economic Products.** Spring. Daily, 1:30. Three hours credit. Coffman. (See Geography 30.)

Upper Division Courses

51. **Principles of Salesmanship.** Autumn. M. W. F., 10:30. Three hours credit. Johnson. Prerequisites: Marketing 57, Psychology 11.
A practical course in selling, covering analyses of the salesman, the product, and the market.
54. **Credits and Collections.** Spring. M. W. F., 2:30. Three hours credit. Boyle. (Not given this year.) (See Accounting and Business Administration 54.)
56. **Transportation Problems.** Spring. M. T. W. Th., 9:30. Four hours credit. Miller. (Not given this year.) (See Economics 56.)

- 57. Principles of Marketing.** Autumn. M. W. F., 8:30. Three hours credit. Johnson. Prerequisites: Economics 1 and 2.

An elementary course which deals with the functions of marketing, and with the organizations involved in the distribution of economic goods.

- 58. Principles of Retailing.** Winter. M. W. F., 8:30. Three hours credit. Johnson. Prerequisites: Marketing 57 and Accounting 1 and 2.

A study of principles and processes involved in marketing through existing retail outlets.

- 59. Advertising.** Spring. M. W. F., 8:30. (Two hours laboratory each week, time to be arranged.) Four hours credit. Johnson. Marketing 14, 15, and 16 recommended. Prerequisite: Marketing 57.

The part advertising plays in business. Principles of advertising, including layout, media, campaigns, etc.

- 81, 82, 83. Commercial Art.** Autumn, Winter, and Spring. T. Th., 10:30. Two hours credit each quarter. Jensen. (See Art 61, 62, 63.)

- 85. Seminar.** Autumn. T. Th., 10:30. Two hours credit. Johnson.

A seminar in current problems in marketing. Open only to students who have had Marketing 57, 58, 59, and 74.

Graduate Courses

- 157, 158, 159. Research in Marketing and Advertising.** Hours and credit to be arranged with instructor.

OFFICE PRACTICE

Professor Holt; Mrs. Lloyd, Miss Strickler.

Lower Division Courses

- 11, 12, 13. Shorthand.** Autumn, Winter, Spring. Daily, Sec. 1, 8:30; Sec. 2, 9:30. Four hours credit each quarter. Strickler.

Principles of shorthand writing according to the Gregg system.

- 14, 15, 16. **Advanced Shorthand.** Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit each quarter. Strickler.

Review of Gregg principles, brief forms and most-used phrases. Advanced dictation, including business letters, legal forms, reports, and speeches. Speed-building will be emphasized.

- 21, 22, 23. **Typewriting.** Autumn, Winter, Spring. Six hours a week. Two hours credit each quarter. See instructor for time. Lloyd.

Touch typewriting, according to standard methods.

24. **Typewriting.** Autumn, Winter, Spring. Daily. Two hours credit. (Elect one quarter only.) Lloyd.

31. **Business English.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Holt.

The substance and style of business English; clearness in sentences; correctness of diction; force in sentence structure, and diction. Business forms and usages.

ECONOMICS

Professors Swenson, Miller, Nelson; Associate Professors Boyle, Johnson; Assistant Professor Shaw.

The following courses are required for a major in Economics: Economics 1, 2, 14, 74, 94.

Lower Division Courses

1. **Economics—Introduction and Principles.** Autumn, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30. Winter, two sections, 10:30; Spring, 8:30. Daily. Five hours credit each quarter. Miller, Johnson, and Boyle.

A general survey of industrial society; its structure, its institutions and operation. An historical background of the rise of modern capitalistic industry.

2. **Economics—Contemporary Economic Problems.** Winter, Sec. 1, 8:30; Sec. 2, 9:30; Spring, 10:30. Daily. Five hours credit each quarter. Miller and Johnson. Prerequisite: course 1.

A more advanced study of the underlying principles of economics. Includes an intensive study of several contemporary economics problems.

14. **Economic and Financial History of the United States.** Autumn. M. W. F., 2:30, Spring, M. W. F., 1:30. Three hours credit. Miller.

Economic development of the United States from colonial times to the present, with emphasis upon economic integration and industrial organization since the Civil War.

30. **Principles of Agricultural Economics.** Autumn. M. W. F., 2:30. Three hours credit. Shaw.

An analysis of agriculture from the economic standpoint. The place and importance of land in human welfare; the problems of production, land, tenancy, etc.

Upper Division Courses

- 51. Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. (Not given this year.) (See Finance and Banking 53.)

- 53. Principles of Risk-Bearing.** Autumn. M. W. F., 2:30. Three hours credit. Boyle. Prerequisites: Economics 1 and 2.

Life, health, accident, fire, property and liability insurance, and principles of risk-bearing as they apply to each classification of the insurance field.

- 56. Transportation Problems.** Spring. M. T. W. Th., 9:30. Four hours credit. Miller. (Not given this year)

This course deals with the growth and development of railway transportation and the development of public regulation and railway legislation in the United States.

- 60. Social Legislation.** Autumn. M. W. F., 1:30. Three hours credit.

The state in relation to labor and social conditions. An intensive study of the legal aspects of modern social reforms. Foreign experiments in the field will also be studied.

- 61. Labor Problems.** Autumn. M. W. F., 10:30. Three hours credit. Boyle.

This course deals with the wage system, domestic industry, the factory system, the rise and growth of labor organizations. Special problems in industrial and company unions will be stressed.

- 67. Public Finance and Taxation.** Winter. M. W. F., 2:30. Three hours credit. Miller. (See Finance and Banking 67.)

- 74. Principles of Statistics.** Autumn and Winter. M. W. F. Autumn, 1:30; Winter, 2:30. Three hours credit each quarter. Boyle.

Introduction to statistics. This course required

of all majors in Economics, Finance and Banking, Accounting and Business Administration.

- 75. International Economic Policies.** Winter. M. W. F., 1:30. Three hours credit. Miller.

A survey with particular reference to the United States, of the international aspects of the economic policies and activities of governments.

- 76. History of Economic Thought.** Spring, daily, 2:30. Five hours credit. Miller.

The development and trend of economic thought from early times to the present. A brief survey up to about 1750, but chief emphasis will be given to Smith, Malthus, Richardo, and Mill.

- 91. Western Land Problems.** Spring. M. W. Th., 10:30. Three hours credit. Nelson.

A survey of the outstanding land problems of the Western States, particularly those of the Rocky Mountain division. Special class reports by students will be required.

- 92. American Agricultural Reform.** Winter. M. W. F., 9:30. Three hours credit. Nelson.

A review of the agrarian movements for economic and social reform in America. Subordinate treatment is given to recent and current programs for farm relief.

- 93. Economic History of Agriculture.** Spring. M. W. F., 9:30. Three hours credit. Nelson. (Not given this year.)

The development of agriculture from its beginnings in the Old World to the present time. Historical background of contemporary agricultural problems.

- 94. Advanced Economics.** Autumn or Winter. Daily, 8:30. Five hours credit. Prerequisites: Economics 1, 2, 3. Swenson.

Advanced course in economic theory with application to present day economic problems.

Graduate Courses

160. Social Legislation. Autumn. M. W. F., 1:30. Three hours credit. Miller.
161. Labor Problems. Winter. M. W. F., 9:30. Three hours credit. Boyle.
167. Public Finance. Winter. M. W. F., 2:30. Three hours credit. Miller.
175. International Economic Problems and Policies. Winter. M. W. F., 1:30. Three hours credit. Miller.
176. History of Economic Thought. Spring. Daily, 2:30. Five hours credit. Miller.
191. Western Land Problems. Spring. M. W. F., 10:30. Three hours credit. Nelson. (Not given this year.)
194. Advanced Economics. Autumn or Winter. Daily, 8:30. Five hours credit. Prerequisites: Economics 1, 2, 3. Swenson.
Advanced course in economic theory with application to present day economic problems.
197. Research. Time and credit to be arranged. Staff.
200. Thesis.

EDUCATION

EDUCATIONAL ADMINISTRATION

*Professors Lambert, Merrill; Associate Professor Sudweeks;
Assistant Professor Edgar M. Jensen*

The Department of Educational Administration cooperates with the other departments of the University in offering students an opportunity to secure a liberal education. With the other departments of the College of Education it assumes responsibility for the preparation of teachers, supervisors, and administrators for service in educational institutions. It assumes a further particular responsibility for offering instruction and training in those fields which deal more specifically with the organization, administration, and support of education. The department offers work leading to the Bachelor's and the Master's degrees. The general requirements for these degrees are set forth in other sections of the catalog.

Students who wish to complete an undergraduate major in this department may begin their program in their junior year. It is better, naturally, to have had regular teaching courses and some experience in teaching before completing a major in this field, but this statement is not to be interpreted as setting up a requirement. Furthermore, students in any department of the University may elect courses in this department without having had teaching experience and without planning to complete a major in this field.

Students who complete an undergraduate major in administration commonly offer by the end of the senior year work in each of the following fields: (1) The General Organization and Administration of Educational Systems; (2) The Administration of a Single School System; (3) School Finance; (4) Personnel Administration; (5) Tests, Measurements, and the Statistical Techniques. Supporting work in General Theory and Philosophy of Education, Educational Psychology, Curriculum Construction, and Educational Sociology (fields that are offered in other departments of the University) is necessary. By consent of the head of this department certain courses in other departments will be accepted toward completion of a major in

Educational Administration. In certain cases major students may be advised to take foundational work in the sciences, in Economics, in Political Science, or in Sociology in order adequately to support their particular program in the study of administration.

Students are given considerable liberty in constructing programs of study that meet their individual needs and interests. Members of the department faculty will always be available to assist students in this planning. The following general suggestions for study sequences will aid students as they plan their programs: (1) In the freshman and sophomore years students should complete the regular University group requirements and lay the foundations in some academic field. (2) In the junior year the student can with profit begin his supporting work in Psychology, Educational Sociology, Economics, Political Science, and the General Theory of Education. Courses 73, 79, 80, 81 in this department may be completed. (3) In the senior year the supporting work should be continued but should be programmed in conference with the department head. Specific courses in this department to plan for are numbers 74, 75, 76, and 78.

Undergraduate majors in educational administration who consistently build up some academic teaching field as part of their supporting work in preparation for a major in administration will find themselves advantageously equipped for placement in positions where, during the beginning years of professional service, assignments to teach often precede or accompany the administrative assignments.

Graduate majors in this department are responsible to the head of the department and the Dean of the Graduate School for the completion of their programs. They should read with care those sections of the catalogue that set forth the requirements for the Master's degree. The program for each graduate student, consistent with the University requirements in general, is an individual program suited to his needs and his background. It is worked out in consultation with the head and the members of the department faculty. Majors should not register for graduate work until they have had the services to be found in these conferences. Any graduate student

in the University may elect graduate courses in this department where they seem to serve his own program of study.

Upper Division Courses

50. Rural Education. Spring. M. W. F., 9:30. Three hours credit. Merrill.

This course deals with rural and educational problems which confront the teachers in rural communities of the intermountain states.

69. Measurements of High School Teaching. Spring. M. W. F., 2:30. Three hours credit. Sudweeks.
(See Secondary Education 69.)

73. General Educational Organization and Administration. Autumn. M. T. W. Th., 9:30. Five hours credit. Lambert.

This course offers students an opportunity to study the ways in which states, counties, cities, and other forms of school districts are organized for the administration of public education. This is the foundational course for all majors in educational administration.

74. Personnel Administration. Winter. M. T. W. Th., 2:30. Four hours credit. Lambert.

Problems of the teaching staff; construction of the educational program, selection of teachers to fit this program, assignment and transfer of teachers, promotion, tenure, the contract, insurance, retirement, the salary schedule, and problems of public service and public contacts.

75. Educational Supervision. Spring. M. T. W. Th., time to be arranged. Four hours credit. Jensen.

This course is designed for superintendents, principals, supervisors, department chairmen, experienced teachers, and others who have to do with the improvement of instruction. Emphasis is placed upon sound principles of educational procedure and upon the supervisory technique.

- 76. The Work of the School Principal.** Spring. M. W. F., 10:30. Four hours credit. Lambert.

The practical problems of administering a single school; the organization and administration of the buildings, playgrounds, equipment, schedules, curriculum, student activities, pupil personnel, school publicity and the community relationships of the school. The course is conducted largely on a problem basis.

- 78. School Finance.** Winter. M. T. W. Th., 9:30. Five hours credit. Lambert.

This course deals with the theory and practical application of financing public education in the United States. It makes specific analyses of school expenditures. A course in taxation should precede or parallel this course.

- 79. Statistical Methods.** Autumn. M. W. F., 2:30. Three hours credit. Sudweeks.

This course deals with the principles and methods underlying the compilation and interpretation of educational statistics. Students who have had Mathematics 13 should consult the instructor before registering.

(Note: Students will find that a definite knowledge of certain mathematics involved in college algebra and analytic geometry are very valuable bases for the work in this course.)

- 80. Standard Tests and Testing.** Autumn. M. W. F., 8:30. Three hours credit. Sudweeks.

Educational Administration 80 and 81 are designed to cover the field of tests and examinations in elementary and high schools. Each student will carry out a complete testing project in the University Training School.

- 81. Old and New Type Examinations.** Winter. T. Th., 8:30. Two hours credit. Sudweeks.

The place of the old type examination and its improvement is considered. The use and forms of the

new type examination. With administration 80, it covers the field of tests and examinations in elementary and high schools.

- 82. Educational Literature.** Autumn. Time arranged to meet convenience of students. One hour credit. Lambert.

This course offers students an opportunity to make a systematic study of periodicals and other types of literature available to the professional worker in education. It provides a most useful training in bibliographical methods for research students. Open to all students above freshmen.

Graduate Courses

- 100-110. Independent Readings.** Time and credit arranged. Any quarter. Members of the department faculty.

An opportunity is provided for qualified students to study in areas in which courses are not offered and in fields of interest beyond those treated in courses. Students are assisted to plan a reading program to meet their needs.

- 111. Public School Finance.** Winter. M. T. W. Th., 9:30. Five hours credit. Lambert.

The general lectures in this course parallel those of administration 78, but graduate students have a conference program and an enlarged reading schedule. They also complete a number of individual projects. Required of all students who complete a graduate major in educational administration.

- 148. Introduction to Research and Thesis Writing.** Autumn. T. Th., 2:30. Three hours credit. Lambert.

This course deals with the principles of scientific investigation and the acceptable techniques of research. Open to senior and graduate students. Required of all candidates for the Master's degree in the College of Education.

150. Seminar in Education. Two to five hours credit. Time to be arranged to meet the convenience of the largest numbers of students both on and off the campus. Meets once each week. Autumn, Winter. Lambert.

This course provides the opportunity (1) for educational workers to extend their studies in educational problems, (2) for graduate students working on projects to secure aid, (3) for research students to report results of their studies.

169. Measurements of High School Teaching. Spring. M. W. F., 2:30. Three hours credit. Sudweeks.

173. General Educational Organization and Administration. Autumn. M. T. W. Th., 9:30. Five hours credit. Lambert.

These lectures parallel those in administration 73, but graduate students have an enlarged program of readings and problems that require graduate ability. Opportunity is provided for individual interests. Required of graduate majors.

174. Personnel Administration. M. T. W. Th., Winter. 2:30. Four hours credit. Lambert.

A graduate course in the personnel problems of the teaching staff. Extended readings and investigations of problems in school systems are required. Required of graduate majors in educational administration.

175. Educational Administration. Spring, M. T. W. Th. Time to be arranged. Four hours credit. Jensen.

This course is designed for superintendents, principals, supervisors, department chairmen, experienced teachers and others who have to do with the improvement of educational programs and instruction.

176. The Work of the School Principal. Spring. M. W. F., 10:30. Four hours credit. Lambert.

This course deals with the practical problems of administering a single school. It is conducted primarily

on a problem-solving basis. Several field trips are made to study problems in well-administered schools.

- 179. Statistical Methods.** Autumn M. W. F., 2:30. Three hours credit. Sudweeks.

A course designed for graduate students preparing to do statistical research. Required of all candidates for the Master degree in Education.

- 180. Standard Tests and Testing.** Autumn. M. W. F., 8:30. Three hours credit. Sudweeks.

- 182. Educational Journals.** Autumn. Time arranged to meet convenience of students. One hour credit. Lambert.

This course offers graduate students an opportunity to extend systematically their knowledge of educational literature. Critical reports on various periodicals and documentary materials are required.

- 183. Secondary Statistical Methods.** Winter. M. W. F., 2:30. Three hours credit. Sudweeks.

A continuation of elementary statistical methods, which is a prerequisite to this course. Correlation—simple, multiple, partial.

- 185. The School Building Program.** Spring. M. W. F., 9:30. Three hours credit. Lambert.

This course considers the integration of an educational program and a building program that is planned to serve it. It considers the techniques of the building survey, transportation problems, school building finance, publicity and community relationships.

- 186. Administration of Private Schools and Seminaries.** Spring. T. Th., 11:30. Two hours credit. Lambert.

Considers the place of the private and the denomination school, together with the problems incident to relationships between the state school systems and the private schools. Educational administration of private institutions.

- 200. The Master's Thesis in Educational Administra-**

tion. Autumn, Winter, Spring. Lambert, Sudweeks.

Credit of two to six hours, depending upon the magnitude and the difficulty of the problem studied. Credit is finally granted and entered in the last quarter of graduate work and is dependent upon acceptance of the thesis by the committee.

ELEMENTARY EDUCATION

Assistant Professor Boyle; Associate Professor Sudweeks; Assistant Professors Dusenberry, Peterson, Jensen, Hanson; Doctors Cullimore, Oaks, Merrill; and Faculty of Elementary Training School.

Students majoring in Elementary Education should conform to the following sequence of courses:

Freshman year: Elementary Education 1, Psychology 21, Social Science 1, Speech 1 or 11, English 1, 2, 3, Library 11, Physical Education, 21, 22.

Sophomore year: Elementary Education 12, Geography 52, History 82, Theory of Music 41 or 42, Art 21 or 41, 42, Zoology 58.

Junior year: Elementary Education 51, 52, 54, 55, 56, 57, 61 or 62, 63.

Senior year: Elementary Education 63, Educational Administration 75 and 79.

Students in Elementary Education will be required to take a standard achievement test in the common branches. Those failing to reach certain standards will be required to take special courses until such standards are reached before registration for the Elementary School Curriculum. With the approval of the major professor courses from other departments of the College of Education may be offered to fill major requirements for a degree.

Lower Division Courses

1. **Principles of Education.** Autumn, Winter or Spring. M. T. W. Th., Four hours credit. Sudweeks.

An introductory survey course in education, planned to cover the general field. It serves to orient

the student and to introduce him to the other courses in education. Required of those qualifying for elementary teaching.

- 20. Story Telling and Children's Literature.** Autumn, Winter or Spring. T. Th., 8:30. Two hours credit. Dusenberry.

A study from the literary and educational points of view of the best literature available for children.

- 21. Juvenile Literature.** Winter or Spring. T. Th., 9:30. Two hours credit. Dusenberry.

A study of literature to give a basis for selection, appreciation, and presentation of the best and most suitable material for the elementary grades. This course is a continuation of 20.

Upper Division Courses

- 51, 52. Principles of Teaching.** Autumn and Winter. M. T. W. Th., 10:30. Three hours credit each quarter. Sec. 1 Kindergarten and Primary Grades, Brown. Sec. 2 Intermediate Grades. Peterson.

Required of all students qualifying for elementary teaching; to be taken before or paralleling the course in practice teaching. Deals with the application of psychological principles to the teaching problems.

- 54. Elementary and Kindergarten Training.** Autumn, Winter and Spring. Daily from 8:30 to 10:30, or 1:30 to 3:30. Ten hours credit. Brown, Peterson.

This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in the theoretical course. Prerequisites: 15 hours of selected education work.

- 55. School Organization and Administration.** Autumn or Winter. M. W. F., 9:30. Three hours credit. Boyle.

This course will acquaint beginning teachers with the school as an institution in its relation to the state and the community. Meets state requirements for certification.

56, 57. The Elementary School Curriculum. Autumn, Winter. T. Th., 10:30. Two hours credit each quarter. Brown, Peterson.

Required for state certification. Prerequisites for registration in this course are certain standards of attainment in the common branches, as shown by a standard achievement test.

58. Health Education for Teachers. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools. (See Zoology 58.)

60. Technique of Teaching. Autumn. M. W. F., 2:30. Three hours credit. Brown.

This course deals with recent developments in the field of methods and psychology which have led to the revision of class-room procedure.

61. First Grade Education. Spring. M. W. Th., 9:30. Three hours credit. Brown.

Problems of early elementary education. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Classroom observation required.

62. Measurements in Elementary Education. Autumn and Spring. M. W. F., 8:30. Three hours credit. Sudweeks. (See Sec. Ed. 70.)

A practical course dealing with the use and interpretation of general intelligence and achievement tests on the elementary school level. Students will take part in practical school testing programs.

63. School Management and Extra Curricular Activities. Spring. T. Th. Two hours credit. Peterson.

A course in the conservation and the obtaining of the maximum educational value of every element in school and classroom organization.

64. Myths of the World. Winter. T. Th., 7:30. Two hours credit. Dusenberry.

This course will first include a comprehensive discussion of the myth and its origin. A study of the specific myths, customs, and folk lore of Egypt and India.

65. Myths of the World. Spring. T. Th., 7:30. Two hours credit. Dusenberry.

The major topics to be considered in this course are present and past customs, superstitions, folk lore, and mythological beliefs of the people of China, Japan and Siam; the islands of Bali, Borneo and the Philippines.

Graduate Courses

101. Special Problems in Elementary School Curriculum. Autumn, Winter and Spring. Time to be arranged. Four hours credit. Merrill.

148. Elementary Education. Autumn and Winter. 10:30. Two or three hours credit. (See Secondary Education 148.)

161. First Grade Education. Spring. 9:30. Three hours credit. Brown. (See Elementary Education 61.)

162. Measurements of Elementary Education. Autumn and Spring. 8:30. Three hours credit. Sudweeks. (See Elementary Education 62.)

163. School Organization and Management. Spring. Two hours credit. Peterson. (See Elementary Education 63.)

180. Research Work. The consent of the instructor is necessary before registering. Sudweeks, Lambert. Students may be given from two to four hours credit for presenting a satisfactory thesis on an assigned topic, embodying the results of independent work.

190. Education and the Twentieth Century. Autumn. M. W. F., 9:30. Three hours credit. Woodward. (See Philosophy of Education 90.)

PHILOSOPHY OF EDUCATION

*Professors Woodward, Merrill, Swenson, Nelson;
Associate Professor Sudweeks.*

This department is designed to prepare the student in the fundamentals of professional education with emphasis upon aims, objectives, the fundamental principles involved in the various levels and the relation the school bears to society.

The following sequence of courses is recommended:

1. In the junior year Philosophy of Education 74, 81, 84 and Psychology 74, or Philosophy of Education 72 or 92.
2. In the senior year Philosophy of Education 85, 86, 87, 88, 89, 90 and 94 or 96.
3. With the approval of the major professor certain courses from other departments in the College of Education may be substituted for certain courses in the above list.

Lower Division Course

35. **Principles of Education.** Autumn, Winter or Spring. M. T. W. Th. Four hours credit. Sudweeks. (See Elementary Education 1.)

Upper Division Courses

72. **Community Organization and Leadership.** (See Sociology 51.) Swenson.
74. **Rural Sociology.** (See Sociology 53.) Nelson.
81. **Science of Education.** Autumn, Winter, Spring. M. W. F., 8:30. Four hours credit. Woodward.
- A consideration of the fundamental problems of educational theory and practice; the aims, standards and contents of education. A study of the principles of determining educational values.
84. **Educational Sociology.** (See Sociology 61.) Swenson.
85. **Philosophy of Nature.** Autumn. M. W. F., 9:30. Three hours credit. Woodward.

The course deals with a brief survey of the evolution of philosophical thought; the place of philosophy in the solution of problems of modern civilization.

- 86. Philosophic Ethics.** Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course will consist of a brief treatment of the evolution of ethical thought, the principal philosophic problems underlying ethical theory will be discussed. (See Religious Education 81.)

- 87. Ethics as Applied to Individual Development.** Winter. T. Th., 11:30. Two hours credit. Woodward.

The course aims to present a definite technique of character building. It is designed to give specific help to students and teachers interested in the development of the abundant life. (See Religious Education 82.)

- 88. The Message of the World's Great Teachers.** Spring. T. Th., 11:30. Two hours credit. Woodward.

This course deals with the message of life and self development as set forth by the world's outstanding teachers. (See Religious Education 83.)

- 89. Social Ethics.** Spring. M. T. W. Th., 10:30. Four hours credit. Woodward.

This course deals with ethical theory as applied to our industrial and social problems; the break-down of puritan ethics, individualism, Christian ethics, international good will and world peace. (See Sociology 89.)

- 90. Education and Twentieth Century Civilization.** Winter. M. W. F., 9:30. Three hours credit. Woodward.

This course deals with the outstanding present day political, economics, social and educational conditions in fourteen of the most important countries of the Orient and the Occident.

- 92. Vocational Education.** Autumn. M. T. W. Th. Four hours credit. Merrill. (Not given this year.)

This course will deal with the aims and needs of

vocational education and how this type of educational activity answers the demand of society.

93. **Philosophical Analysis (Logic.)** Spring. M. W. F., 9:30. Three hours credit. Woodward. (Not given this year.)

This course deals with a study of the primary forms of thought; inductive and deductive processes.

94. **Methods of Character Education.** Winter. T. Th., 8:30. Two hours credit. Woodward. (Not given this year.)

Education as training for social efficiency, and the school as one of several agencies for such training. The moral significance of the various studies and activities of the school.

96. **History of Education.** Winter. M. W. F., 10:30. Three hours credit. Woodward. (Not given this year.)

A discussion of the educational theories and practices of the Greek, Roman, and Medieval periods of history, with special emphasis on the modern period.

99. **Philosophy Seminar.** Winter and Spring. Two hours credit. Woodward.

This course is intended for advanced students only. It deals with such problems as Reality, The Self, Immortality, etc. Registration is possible only by consent of the instructor.

Graduate Courses

137. **American Philosophy of Education.** Three hours credit. Time to be arranged. Woodward.

185. **Philosophy of Nature.** Winter. M. W. F., 9:30. Three hours credit. Woodward.

This course parallels Philosophy of Education 85.

186. **Philosophic Ethics.** Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 86.

187. Ethics as Applied to Individual Development. Winter. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 87.

188. The Message of the World's Great Teachers. Spring. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 88.

189. Social Ethics. Spring. M. T. W. Th., 10:30. Four hours credit. Woodward.

This course parallels Philosophy of Education 89.

190. Education and Twentieth Century Civilization. Autumn. M. W. F., 9:30. Three hours credit. Woodward.

This course parallels Philosophy of Education 90.

191. Twentieth Century Idealism. Time to be arranged. Three hours credit. Woodward.

Course deals with the spiritual trends in modern science and their effects upon philosophic thought.

192. Vocational Education. Autumn. Four hours credit. Merrill.

This course parallels Philosophy of Education 92.

193. Logic. Spring. M. W. F., 9:30. Three hours credit. Woodward.

This course parallels Philosophy of Education 93.

194. Methods of Character Education. Winter. T. Th., 8:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 94.

196. History of Education. Time to be arranged. Three hours credit. Woodward.

This course parallels Philosophy of Education 96.

197. Recent Trends in Social Ethics. Time to be arranged. Woodward. Two to four hours credit.

198. Research in Philosophy of Education. From two to four hours credit. Time to be arranged. Woodward.

199. **Philosophy Seminar.** Winter and Spring. T. Th. Two hours credit. Woodward.

This course parallels Philosophy of Education 99.

200. **Thesis in Philosophy of Education.** Time to be arranged. From four to six hours credit. Woodward.

SECONDARY EDUCATION

Professors A. N. Merrill, Woodward, Eastmond, Nelson, Romney, Lambert, Madsen; Associate Professors Sudweeks, Warnick, Assistant Professors W. H. Boyle, Jensen, Hart, Hansen; Mr. Dixon, Mr. Peterson, Mr. Hayward, Secondary Training School Faculty.

The following courses are suggested for students who desire to take work in other departments of the College of Education: Philosophy of Education 89, 92, 145; Educational Administration 50, 77; Elementary Education 60; Psychology 74, 77. With the approval of the major professor other education courses may be offered to fill major requirements.

Upper Division Courses

51. **Organization and Administration of Secondary Schools.** Autumn or Winter. M. W. F., 10:30. Two hours credit. Merrill.

Courses 51 and 52 are required of those desiring credit in practice teaching and recommendation to the State Board of Education for certification. Course 51 emphasizes methods of teaching in high school.

52. **Organization and Administration of Secondary Schools.** Autumn or Winter. T. Th., 10:30. Two hours credit. Woodward.

During this course special attention will be given to the problems of high school organization and administration.

54. **Secondary Teaching.** Autumn, Winter and Spring. Demonstration period, W., 10:30. Practice periods to be arranged. Eight hours credit, four hours in

each of two quarters. Merrill, Boyle, Jensen, and Secondary Training School Faculty.

This is a course in practice teaching under supervision. Approximately 80 hours of participation and responsible class room teaching will be required. Prerequisites: 15 hours of selected educational work and consent of instructors.

55. Junior High School Organization and Teaching. Spring. M. W. F., 9:30. Three hours credit. Merrill.

This course will deal with the most vital problems in the organization and methods of teaching in the junior high school.

58. Health Education for Teachers. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools. (See Zoology 58.)

***62. Methods of Teaching Art.** Autumn and Winter. Th., 3:30. One or two hours credit. Eastmond. (See Art 54.)

63. Methods of Teaching Agriculture. Winter. M. W. F., 8:30. Three hours credit. Sudweeks.

A practical course in the application of methods to the teaching of Agriculture. Intended to accompany or precede Secondary Education 54. Emphasis on Smith-Hughes standards and requirements.

64. Methods of Teaching Music. Winter. T. Th., 8:30. Two hours credit. Hanson. (See Theory of Music 91.)

65. Methods of Teaching Modern Languages. Autumn. T. Th., 2:30. Two hours credit. Cummings. (See German 81, French 81, Spanish 81.)

66. Methods of Teaching Physical Education. Autumn

*Special method courses offered in these and some of the other subjects, are described as separate courses in the respective departments. Credit for such courses should be used to fill major or total rather than educational requirements.

and Winter. Time to be arranged. Romney and Dixon. (See Physical Education 92.)

67. Methods of Teaching Home Economics. Autumn. T. Th., 8:30. Two hours credit. Warnick. (See Home Economics 72.)

68. Methods of Teaching Speech. Autumn and Winter. Two hours credit. One hour per week. Time to be arranged. (See Speech 91.)

69. Methods of Teaching Biology. Autumn or Winter. T. Th. Time to be arranged. Two hours credit. Hayward. (See Zoology 69.)

70. Measurements of High School Teaching. Spring. 2:30. Four hours credit. Sudweeks.

A study of standard tests, now available for use in high school subjects. Scoring tests, interpreting results, and planning remedial teaching. Open to advanced students only.

71. Juvenile Sociology. Spring. T. Th., 9:30. Two hours credit. Boyle. (See Sociology 71.)

81. Science of Education. Autumn, Winter and Spring. 8:30. Four hours credit each quarter. Woodward. (See Philosophy of Education 81.)

This course is required of all students in education who expect to qualify for high school state certification and should be taken during the junior year.

91. The High School Curriculum. Winter. M. T. W. Th., 9:30. Four hours credit. Merrill.

The principles governing the organization of the high school curriculum. The evaluation of the objective, the course of study, and the activity phase of the present high school curriculum.

92. Vocational Education. Autumn. 9:30. Four hours credit. (See Philosophy of Education 92.)

94. Educational and Vocational Guidance. Autumn. 9:30. M. T. W. Th. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; modification of the high school curriculum to facilitate vocational choice.

Graduate Courses

- 101. Special Problems in High School Curriculum with Special Reference to Utah Schools.** Time to be arranged. Four hours credit. Merrill.

A careful analysis will be made of the subject matter and student activities now required of students in the different phases of work in the high schools of Utah.

- 102. Problems in Part-time Education.** Hours to be arranged. Two hours credit. Merrill and Woodward.

This course deals with the methods and problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis and course organization.

- 147. Research Work in Secondary Teaching.** The consent of the instructor is necessary before registering. Merrill.

In certain courses, students may be given from two to four hours credit on presentation of a satisfactory written report on an assigned topic embodying the results of independent work.

- 148. Introduction to Research and Thesis Writing.** Autumn. Two or three hours credit.

A course in principles and techniques, of thesis writing and of selection of suitable thesis problems. Candidates for the Master's degree in the College of Education are expected to take this course.

- 150. Graduate Seminar in Education.** Each alternate Monday, 7:30 to 9:30 p. m.

- 169. Measurements of High School Teaching.** Spring. 1:30. Four hours credit. Sudweeks.

(See Secondary Education 70.)

191. **The High School Curriculum.** Winter. M. T. W. Th., 1:30. Four hours credit.
(See Secondary Education 91.)
192. **Vocational Education.** Autumn. 9:30. Four hours credit. Merrill.
(See Philosophy of Education 92.)
194. **Educational and Vocational Guidance.** Autumn. M. T. W. Th., 9:30. Four hours credit. Merrill.
(See Secondary Education 94.)
200. **Thesis Work in Secondary Education.** From four to six hours credit, depending upon the problem. Merrill and Woodward.

ENGLISH

Alfred Osmond, Professor Emeritus

Professors Christensen, Reynolds, Holt, Merrill; Associate Professor Jensen; Assistant Professors Rowe, Young; Mr. Culmsee, Miss Black, Miss Candland.

Scope of Instruction

The English department offers courses in English language, English literature, American literature, general and comparative literature, and journalism. For convenience the courses in general and comparative literature are brought together. The courses in journalism constitute a departmental division.

Requirements for the Degree of Bachelor of Arts*

Students who elect their major in English will be required to complete thirty hours of work in English in addition to courses 1, 2, and 3, and must elect four of the five period courses; provided, however, that they make the following substitutions: Course 60 for 72; 90 for 74; and 91 for 75.

The following additional work is required: Course 12; course 81 or 95; one of the following group of courses: 83, 84, 85, 86, and 88; and course 82. The following substitutions may, however, be made: Course 57 or three hours of journalism for course 12; and course 24 or 69 for 82. Twenty-four hours in one or more foreign languages are required. A course in English history, unless taken in high school, is strongly recommended.

Courses 20, 21, 22 are not open to students who elect their major in English. For students who minor in English and who intend to teach the subject, the department specially recommends the following: 11, 12, 15, 16, 24, 71, 72, 73, 74, 75.

Students making English a minor and desiring the recommendation of the department to take secondary training in English are required to take an examination in grammar and composition.

*The degree of Bachelor of Science is not given in English.

Requirements for the Degree of Master of Arts

Candidates for the Degree of Master of Arts in English must have the equivalent of the requirements for the Degree of Bachelor of Arts in English; they must offer upper division or graduate credit in Old English, Chaucer, and Shakespeare; they must have, exclusive of thesis credit, at least twenty hours of graduate credit in English; they must write a satisfactory thesis; and they must pass a comprehensive oral examination in the field of English language and literature. The Degree of Master of Science is not given in English.

Placement Tests for Freshman English

In Freshman English consideration is given to the individual needs of students. To determine these needs all freshmen are required to take a placement test at the time of registration. Assignments to classes are made after this test.

Lower Division Courses

1. **Composition and Literature.** Autumn. M. W. F. Classes available at 8:30, 9:30, 10:30, 1:30, and 2:30. Three hours credit.

Review of grammar, study of the principles of composition, theme writing, and readings in literature.

2. **Composition and Literature.** Winter. Sections and time the same as in course 1. Three hours credit.

Continuation of course 1.

3. **Composition and Literature.** Spring. Sections and time the same as in courses 1 and 2. Three hours credit.

Continuation of course 2.

4. **Business English.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Holt.

The substance and style of business English; correctness of diction; business forms and usages.

11. **Advanced English Grammar.** Autumn, 1:30. Spring,

2:30. Four hours credit. Young.

Prerequisites: English 1, 2, and 3.

12. Advanced Rhetoric and Composition. Autumn. M. W. F., 2:30. Three hours credit. Christensen.

Long themes, lectures, conferences, and required reading. Prerequisites: English 1, 2, and 3.

15. Early American Writers. Autumn. M. F., 9:30. Two hours credit. Merrill.

A survey of American literature from Captain John Smith to about 1865.

16. Later American Writers. Winter. M. F., 9:30. Two hours credit. Merrill.

A survey of American literature from about 1865 to the present century.

17. Contemporary American Poets. Spring. T. Th., 1:30. Two hours credit. Osmond.

A study of the principal American poets.

18. Contemporary American Novelists. Winter. T. Th., 1:30. Two hours credit. Osmond.

A study of the principal American novelists.

19. Contemporary American Short Story Writers. Autumn. T. Th., 1:30. Two hours credit. Osmond.

A study of the principal American short story writers.

20. Masterpieces of English Literature. Autumn. T. Th. Sec. 1, 9:30, Young; Sec. 2, 10:30, Black. Two hours credit.

A study of the principal English masterpieces.

21. Masterpieces of English Literature. Winter. T. Th. Sec. 1, 9:30, Young; Sec. 2, 10:30, Black. Two hours credit.

A continuation of course 20.

22. Masterpieces of English Literature. Spring. T. Th. Sec. 1, 9:30, Young; Sec. 2, 10:30, Black. Two hours credit.

A continuation of course 21.

23. **Contemporary British Literature.** Spring. M. W. F., 1:30. Three hours credit. Rowe.
24. **Shakespeare's Comedies.** Autumn. M. T. W. Th., 9:30. Four hours credit. Osmond.
A study of the principal comedies.

Upper Division Courses

52. **Argument and Debate.** Autumn. M. W. F., 1:30. Three hours credit. Rowe.
A study of the principles of argument followed by a series of debates on current questions. Prerequisites: English 1, 2, and 3.
53. **Romantic Prose.** Autumn. T. Th., 10:30. Two hours credit. Rowe.
A study of the principal prose writings of the Romantic Movement.
57. **Short-Story Writing.** Autumn. M. T. W. Th., 10:30. Four hours credit. Osmond.
In this course, the greater part of the student's time is given to practice in writing short-stories. Prerequisites: English 1, 2, and 3.
58. **The New Biography.** Spring. T. Th., 9:30. Two hours credit. Jensen.
A study of the best recent biographies.
59. **Poetry.** Spring. T. Th., 2:30. Two hours credit. Osmond.
A practical course in the various forms of verse-writing.
60. **English Drama to 1642.** Autumn. M. T. W. Th., 2:30. Four hours credit. Young.
The beginning and development of English drama, not including Shakespeare, to the closing of the theaters.
64. **Philology.** Winter. T. Th., 2:30. Two hours credit. Osmond.

A study of the history and development of words and their ways in English speech.

69. **Shakespeare's Tragedies.** Winter. M. T. W. Th., 9:30. Four hours credit. Osmond.

A study of the principal tragedies.

71. **Medieval Literature.** Autumn. M. T. W. Th., 9:30. Four hours credit. Christensen.

72. **English Literature from 1500-1660.** Winter. M. T. W. Th., 2:30. Four hours credit. Young.

73. **English Literature from 1660-1780.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

74. **English Literature from 1780-1832.** Winter. M. T. W. Th., 10:30. Four hours credit. Rowe.

75. **English Literature from 1832-1900.** Winter. M. T. W. Th., 10:30. Four hours credit. Reynolds.

81. **Chaucer.** Winter. M. T. W. Th., 8:30. Four hours credit. Christensen.

82. **Shakespeare.** Spring. M. T. W. Th., 9:30. Four hours credit. Christensen.

An intensive and critical study of the principal plays.

83. **Milton.** Winter. M. W. F., 9:30. Three hours credit. Christensen.

A study of the author's poetry and prose.

84. **Wordsworth.** Spring. M. W. F., 10:30. Three hours credit. Rowe.

The author's theory of poetry and his principal poems will be studied.

85. **Tennyson.** Autumn. M. W. F., 2:30. Three hours credit. Reynolds.

A study of the author's principal major and minor poems.

86. **Browning.** Winter. M. W. F., 2:30. Three hours credit. Reynolds.

A study of the author's principal major and minor poems.

87. **Matthew Arnold.** Spring. T. Th., 2:30. Two hours credit. Christensen.

Study of Arnold's poetry and prose.

88. **Spenser.** Winter. M. W. F., 2:30. Three hours credit. Young. (Not given this year.)

A study of the author's poetry and prose.

89. **Byron.** Winter. T. Th., 1:30. Two hours credit. Rowe.

Study of the author's principal works.

90. **Romantic Poetry.** Autumn. M. W. F., 10:30. Four hours credit. Reynolds.

A study of romanticism as manifested in the poetry of the eighteenth and nineteenth centuries.

91. **The Victorian Poets.** Spring. M. W. F., 2:30. Three hours credit. Reynolds.

92. **The English Novel.** Autumn. M. T. W. Th., 2:30. Four hours credit. Jensen.

The history of English prose fiction to the time of Scott.

93. **The Modern English Novel.** Winter. M. T. W. Th., 10:30. Four hours credit. Jensen.

A consideration of the technique of the novel and various phases of life reflected in this form of literature.

94. **The English Essay.** Winter. T. Th., 8:30. Two hours credit. Jensen.

The origins of the essay, and its development to the present time.

95. **Old English.** Autumn. M. T. W. Th., 8:30. Four hours credit. Christensen.

Old English grammar and reading exercises.

96. **Beowulf.** Winter. Four hours credit. Christensen. (Given if requested.)

The entire poem is read in the original. Prerequisite: course 95.

97. **The History of the English Language.** Spring. M. T. W. Th., 8:30. Four hours credit. Christensen.

An historical and philological study of the language from the Old English period to the present time.

98. **Literary Criticism.** Winter. M. W. F., 2:30. Three hours credit. Christensen.

A study of literary values.

General and Comparative Literature

Lower Division Courses

- 26, 27, 28. **Types of World Drama.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Rowe.

The great plays of the world are studied according to type.

Upper Division Courses

61. **Modern European Drama.** (Continental.) Autumn. T. Th., 2:30. Two hours credit. Reynolds.

62. **Modern European Drama.** (British.) Winter. T. Th., 2:30. Two hours credit. Reynolds.

63. **Modern Drama.** (American.) Spring. T. Th., 2:30. Two hours credit. Reynolds.

- 65, 66, 67. **Types of World Literature.** Autumn, Winter, Spring, T. Th., 10:30. Two hours credit each quarter. Christensen.

99. **Types of Poetry.** Spring. M. T. W. Th., 10:30. Four hours credit. Osmond.

A study of lyric, epic, and dramatic poetry.

Graduate Courses

160. **English Drama to 1642.** Autumn. 2:30. Young.

- 165, 166, 167. **Types of World Literature.** Autumn,

Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Christensen.

169. Shakespeare's Tragedies. Winter. 9:30. Osmond.

171. Medieval Literature. Autumn, 9:30. Four hours credit. Christensen.

172. English Literature from 1500 to 1660. Winter. 2:30. Four hours credit. Young.

173. English Literature from 1660 to 1780. Spring. 2:30. Four hours credit. Jensen.

174. English Literature from 1780 to 1832. Winter. 10:30. Four hours credit. Rowe.

175. English Literature from 1832 to 1900. Winter. 10:30. Four hours credit. Reynolds.

181. Chaucer. Winter. 8:30. Four hours credit. Christensen.

182. Shakespeare. Spring. 9:30. Four hours credit. Christensen.

183. Milton. Winter. 9:30. Three hours credit. Christensen.

184. Wordsworth. Spring. 10:30. Three hours credit. Rowe.

185. Tennyson. Autumn. 2:30. Three hours credit. Reynolds.

186. Browning. Winter. 2:30. Three hours credit. Reynolds.

187. Matthew Arnold. Autumn. 2:30. Two hours credit. Christensen.

188. Spenser. Winter. 2:30. Three hours credit. Young.
(Not given this year.)

195. Old English. Autumn. 8:30. Four hours credit. Christensen.

196. **Beowulf.** Four hours credit. Christensen. (Given if requested.)
197. **The History of the English Language.** Spring 8:30. Christensen.
198. **Literary Criticism.** Winter. 2:30. Three hours credit. Christensen.
200. **Thesis for Master's Degree.** Time and credit to be arranged.

JOURNALISM

English 1, 2, and 3 are prerequisites for all courses in Journalism with the exception of Course 1 which may be taken concurrently with those courses.

Lower Division Courses

1. **History of Journalism.** Spring. M. F., 10:30. Two hours credit. Merrill.

This course will include a study of the development of the English as well as the American press, but will lay special emphasis upon recent times and movements.

2. **News and Newswriting.** Autumn. M. W. F., 8:30. Three hours credit. Culmsee.

A course in the study of what constitutes news as well as practice in gathering and writing news copy.

3. **Reporting.** Winter. Time to be arranged. Two hours credit. Merrill and Culmsee. Prerequisite: Journalism 2.

Methods of gathering and reporting news. Students will gather news in the regular channels in the City of Provo and will have experience in reporting for the daily press. Meetings for lectures will be arranged.

4. **Editing and Makeup.** Winter. M. W. F., 8:30. Three hours credit. Culmsee. Prerequisite: Journalism 2.

A study of and practice in copy reading, editing, newspaper makeup, and headline writing.

5. **College Journalism.** Autumn, Winter, or Spring. Time to be arranged. One hour credit each quarter. Culmsee. Prerequisite: Journalism 2 or 4, or their equivalent.

Open only to members of the staff of the Y News who have credit in Journalism 2, 3, or 4, or the equivalent.

Upper Division Courses

51. **Editorials and Editorial Writing.** Winter. M. F., 2:30. Two hours credit. Merrill.

A study of the editorial and practice in writing it.

52. **Special Feature Articles.** Spring. M. W. F., 8:30. Culmsee. Prerequisite: Journalism 2, or the permission of the instructor.

A study of newspaper and magazine special feature articles, types, and sources. Help will be given in planning and marketing the article.

53. **Writing for the Magazines.** Autumn. M. F., 2:30. Two hours credit. Merrill. Prerequisite: Consultation with the instructor.

This course is designed for those who have some hope of making writing for the press either their vocation or an important avocation. All types of magazine materials and markets will be studied.

54. **Book Reviewing.** Autumn. T. Th., 9:30. Two hours credit. Jensen. Prerequisite: Journalism 2 or 3, or English 12.

A study of current books, both fiction and non-fiction, and practice in reviewing them.

60. **Problems of the Weekly Paper.** Spring. M. F., 2:30. Two hours credit. Merrill. Prerequisite: Journalism 2 or 4.

A study of the country weekly, its place in American life, and its possibilities.

65. **Technique of Publicity.** Spring. T. Th., 8:30. Two hours credit. Culmsee. Prerequisite: Journalism 2 or 3.

A study of the approach to the public consciousness through the newspaper, the lecture, the radio address—in fact, a study of the purposes and means of publicizing

GEOLOGY AND GEOGRAPHY

Professors Hansen, Martin; Associate Professor Hales; Mr. Coffman.

GEOLOGY

Geology 1, 2, 3, 30, 51, 57, 71, 91 are required of students majoring in Geology.

Lower Division Courses

1. **General Geology Survey Course.** Autumn, 9:30. Winter and Spring, 10:30. M. T. W. Th. Four hours credit. Hansen.

A survey of the fields of physical and historical geology, which will give the student a basis for reading and thinking on the relation of the earth, man and nature.

2. **Physical Geology.** Winter. M. W. F., 9:30, and two Saturday field trips. Three hours credit. Hansen. Prerequisite: Geology. 1

3. **Historical Geology.** Spring. M. W. F., 9:30, and some assigned laboratory work. Three hours credit. Hansen. Prerequisite: Geology 1.

30. **Mineralogy.** Winter. T. Th., 8:30. Laboratory T. Th., 2:30 to 4:30. Four hours credit. Hansen. Prerequisites: Chemistry 6 and Geology 1.

Upper Division Courses

51. **Economic Geology.** Spring. Daily, 10:30. Five hours credit. Hansen. Prerequisites: Geology 1, 2, 3, and 30.

The geologic occurrence, economic importance and methods employed in mining the non-metallic, metallic, and mineral products.

55. **Sedimentation.** Winter. M. W. F., 8:30. Three hours credit. Hansen. (Not given this year.)

Lectures on the processes of sedimentation, sup-

plemented by laboratory studies of unconsolidated sediments and sedimentary rocks.

57. Soil Geology. Spring. M. W. F., 8:30. Three hours credit. Martin. Prerequisites: Geology 1, 2, and 3; Chemistry 1, and Physics 21.

63. Water Resources. Autumn. M. W. F., 1:30. Three hours credit. Coffman. Prerequisite: Geology 1 and 2. (See Agronomy 63.) (Not given this year.)

A study of underground waters and their economic importance.

71. Invertebrate Paleontology. Spring. M. W. F., 2:30, and three hours laboratory work. Prerequisite: Zoology 55. Three hours credit. Hansen.

72. Vertebrate Paleontology. Spring. T. Th., 10:30. Three hours laboratory. Prerequisite: Zoology 56 or Geology 3. Three hours credit. Hansen. (Not given this year.)

73. Stratigraphy and Fossils of the Wasatch. Autumn. Time to be arranged. Eight hours field or laboratory work. Prerequisite: Geology 71. Three hours credit. Hansen.

83. Seminar. Autumn, Winter and Spring. One hour credit each quarter. W., 3:30.

Credit limited to junior and senior students who are majoring in this department.

91. Structural and Field Geology. Spring. Daily, 8:30, and forty hours laboratory or field work during the quarter. Five hours credit. Hansen. Prerequisite: Geology 51.

93. Ore Deposits of Utah. Winter. T. Th., 9:30, and trips to Utah mining districts, the expense of which the student must meet. Three hours credit. Hansen. Prerequisite: Geology 91.

95. Geology of the United States. Spring. Time to be ar-

ranged. 3 hours credit. Hansen. Prerequisite: Geology 91.

96. **Readings in Geology.** One to three hours credit. For students majoring in Geology. Hansen.

Graduate Courses

- 101, 102, 103. **Research.** Hours and credit to be arranged. Hansen.

Special problems in the field of Geology will be assigned to students prepared to do original work.

110. **Geology of Utah.** Autumn, T. Th., 1:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Prerequisite: Geology 91. Hansen.

121. **Index Fossils.** Spring. M., 10:30, and six hours laboratory work by arrangement. Three hours credit. Hansen.

151. **Special Problems in Non Metals.**

- 151A. **Special Problems in Metals.**

155. **Sedimentation.**

191. **Engineering Problems in Geology.**

195. **Geology of the United States.**

200. **Thesis Work.**

GEOGRAPHY

Lower Division Courses

5. **Introductory Geography.** Autumn. M. T. W. Th., 1:30. Four hours credit. Coffman.

Deals with the fundamental principles of Geography.

6. **Physiography.** Winter. M. T. W. Th., 1:30. Three hours credit. Hansen and Coffman.

A general course in the agencies that work on the

earth's surface and the forms developed by them.

7. **Advanced Physiography.** Spring. M. W. F., 1:30, and several field trips by arrangement. Four hours credit. Prerequisite: Geography 6. Hansen and Coffman.

Continuation of course 6.

21. **Meteorology.** Autumn. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 21.)

This course deals with the physics of the earth's atmosphere.

31. **Geography of Economic Products.** Spring. Daily, 1:30. Three hours credit. Coffman.

This course deals with the geographic and human factors that have governed the development and localization of industries.

Upper Division Courses

50. **The Geography of Life.** Spring. M. W. F., 10:30, and all-day field trips. Four hours credit. Hansen. (Not given this year.)

Lectures and readings on the factors that control the distribution and abundance of plant, animal and human life. A thesis on some assigned aspect of the subject.

52. **Human Geography.** Autumn. M. W. F., 8:30. Three hours credit. Hansen.

The response man has made to his geographic environment.

62. **Geography of the United States.** Autumn. M. W. F. Three hours credit. Hansen. (Not given this year.)

Geography 5 and 6 are prerequisites to this course.

Graduate Courses

- 105, 106, 107. **Research.** Hours and credit to be arranged. Hansen.

Under this course special problems may be assigned students who are prepared to do original work in the field of Geography.

111. Physiography of Utah. Spring. T. Th., 8:30, and three Saturday field trips. Three hours credit. Hansen.

Deals with the present surface forms of Utah and how they came to be developed.

152. Special Problems in Human Geography.

162. Geography of United States.

200. Thesis Work.

HISTORY

Professors Jensen, Snow; Associate Professor Sperry; Assistant Professor Swenson; Mr. O. M. Wilson.

Requirements for a Major in History

Students must present a minimum of fifteen hours of upper division credit in History. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. **History of Civilization.** Autumn. Daily, 9:30. Five hours credit. Snow.

An orientation course covering all phases of human achievement. Cultural and constructive forces are of chief consideration. The survey is universal in time and place.

10. **History of England to 1485.** Autumn. M. W. F., 8:30. Three hours credit. Snow.

Origin and development of the English people and English institutions from earliest times to 1485.

11. **History of England, 1485 to 1714.** Winter. M. W. F., 8:30. Three hours credit. Snow.

Special consideration to the development under the Tudors and the struggle of Divine right claims of the Stuarts against parliamentary prerogative. The triumph of Parliament 1689-1714.

12. **History of England, 1714 to 1934.** Spring. M. W. F., 8:30. Three hours credit. Snow.

Cabinet government. A survey of the reform movements, political, economic and humanitarian in the nineteenth century, and England's relation to foreign affairs, to the time of the World War and after.

20. **History of the United States to 1789.** Autumn. M. W. F., 2:30. Three hours credit. Wilson.

Problems of discovery, exploration, and coloniza-

tion; causes, conflicts, and results of American Revolution; establishment of state governments; formation and ratification of Constitution of the United States.

- 21. History of United States, 1789 to 1861.** Winter. M. W. F., 2:30. Three hours credit. Wilson.

Federalist and Anti-Federalist control of government; foreign affairs and the Monroe Doctrine; "Rise of the New West"; problems of nullification; economic, political, and moral phases of slavery.

- 22. History of United States, 1861 to 1934.** Spring. M. W. F., 2:30. Three hours credit. Wilson.

Problems of the Civil War and reconstruction; the new economic era; a new imperialism; the United States and the World War; post-war problems.

- 28. History of Hispanic America.** Winter. M. W. F., 9:30. Three hours credit. Snow.

A brief survey of the colonial period and a more thorough consideration of the development of the Hispanic American Republics and their relation to the United States.

- 29. History of Hispanic America.** Spring. M. W. F., 9:30. Three hours credit. Snow.

Continuation of History 28. Emphasis on present day conditions and international relations.

Upper Division Courses

- 50. Early Oriental History.** Autumn. M. W. F., 10:30. Three hours credit. Sperry.

A study of ancient civilizations including Egypt, Babylonia, Assyria, China, India, Arabia, Persia, the Hebrews, and other oriental races. The course is helpful to those especially interested in the Jewish scripture.

- 51, 52, 53. History of the Hebrew Civilization.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Sperry.

A survey of the forces acting on the Hebrew commonwealth from earliest times. The message and present significance of the great creative personalities in Hebrew religious life will be especially emphasized.

- 54. Greek History.** Winter. M. W. F., 10:30. Three hours credit. R. B. Swensen.

A study of the social, cultural, economic, and political developments of the Greek people from the early heroic age down to Alexander. Major emphasis on phases of Greek culture which have influenced Western civilization.

- 57. Roman History.** Spring. M. W. F., 10:30. Three hours credit. R. B. Swensen.

A survey extending from the rise of the Republic to the reign of Justinian. Special consideration will be given to the economic, social, cultural, and political forces which brought about the growth and decline of the Empire.

- 62. Medieval History.** Winter. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

Studies covering the period 500-1250. The disintegration of the Roman Empire and the development of the Medieval church. Attention will be given to the origin of institutions in church and state.

- 63. History of Europe, 1250-1536.** Spring. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

The rise of cities and the growing power of the Third estate; the Renaissance and the Reformation; the influence of discovery, exploration, and cultural development.

- 70. History of Europe, 1556-1776.** Autumn. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary ideas that challenged the traditional views in science, theology, economics, and politics, and a consideration of the conflicts resulting therefrom.

- 71. Europe, 1776-1878.** Winter. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary movements in America and Europe; the American and French revolutions; the period of reaction and emergence of liberalism and nationalism. The period from 1848 to 1878 will be given special emphasis.

- 72. Europe since 1878.** Spring. M. W. F., 2:30. Three hours credit. Snow.

A study of the spread of industrialism and the consequent imperialistic competition resulting in the World War. A concluding survey of international relations and the underlying forces that make for peace or war.

- 80. History of the American West.** Autumn. M. W. F., 3:30. Three hours credit. Snow.

America the frontier of Europe. International rivalry for the Caribbean area; the Atlantic tide water and the Pacific Coast. Problems of the West to 1803.

- 81. History of the West.** Winter. M. W. F., 3:30. Three hours credit. Snow.

The significance of the Frontier in the development of a distinctive Americanism; the West in national issues 1803-1861.

- 82. History of the West.** Spring. M. W. F., 3:30. Three hours credit. Snow.

The development and colonization of the Trans-Mississippi, the Rocky Mountains, and the Pacific West 1803-1892. Special consideration will be given to the Mormon migration and the development of Utah.

- 95. American History to 1789.** Autumn. T. Th., 2:30. Two hours credit. Jensen.

A study of colonial institutions and the constitutional relations between the colonies and the mother country; constitutional theories and principles involved in the Revolution; formation of the federal constitution.

96. **History of the United States from 1789 to 1861.** Winter. T. Th., 2:30. Two hours credit. Jensen.

A study of the organization of the new government; the problems of nationality and state rights; the problems involved in slavery and in the expansion of the nation.

97. **History of the United States since 1861.** Spring. T. Th., 2:30. Two hours credit. Jensen.

An examination of the theory of secession; constitutional aspects of the war power; the problem of reconstruction; industrial and economic expansion, insular possessions, the World War and its after effects.

Graduate Courses

110. **History of England, 1066-1485.** A study of the rise of the bourgeoisie and the evolution of Parliamentary supremacy.

111. **History of England, 1485-1714.** An intensive study of the evolution of cabinet government, or the Machine Age and its industrial and social consequences.

112. **History of England, 1714-1934.** Expansion and industrialism and the new economic doctrine of laissez-faire.

150. **Early Oriental History.** Problems of ancient civilizations.

- 151, 152, 153. **History of Hebrew Civilization.**

154. **Grecian History.** A study of important problems dealing with the development of Greek life and culture.

157. **Roman History.** Problems of agrarian reform and Roman imperialism.

162. **Medieval History.** The struggle between the empire and papacy, feudalism, monasticism, etc.

163. **Medieval History.** The growth of cities, rise of national monarchies, pre-reformation movement, etc.

170. **Modern History.** A new science and philosophy of the seventeenth and eighteenth centuries.
171. **Modern History.** The struggle between liberalism and conservatism in the nineteenth century.
172. **Modern History.** Some problems connected with the World War and intricate world relations since then.
180. **History of the West.** The West as a factor in international rivalry to 1763, and as a potential force in the American Revolution.
181. **History of the West.** The influence of the West in the opening of the Mississippi, the War of 1812, the American system, etc.
182. **History of the West.** The history of the Trans-Mississippi West, the Great Basin, etc.
195. **American History.** Problems of Colonial and Revolutionary history.
196. **American History.** Topics in the development of American political and historical institutions.
197. **History of the United States.** Problems in recent American constitutional history.
198. **Problems in Historical Research.**
200. **Research for Master's Thesis.**

HOME ECONOMICS

*Associate Professor Warnick; Professors Elliott, Larsen;
Miss Swenson, Miss Billings, Mrs. Barlow.*

It is advised that students of Home Economics take both major and minor in this department as this facilitates placement in teaching positions. Major or minor may be obtained in Clothing and Textiles, or Foods and Nutrition or Household Administration. Some Clothing and Textiles and Foods and Nutrition credits will be accepted toward a major in Household Administration. It is recommended that the prerequisites of courses be taken as listed. Household Administration 71 and Secondary Education 67 are required of students expecting teaching positions.

CLOTHING AND TEXTILES

Six approved hours of Foods and Nutrition and Household Administration may count towards a major in Clothing and Textiles.

Lower Division Courses

1 or 70. Clothing Selection and Construction. Autumn. M. T. W. Th., Sec. 1, 8:30. Sec. 2, 2:30. Three hours credit. Billings.

Fundamental principles of clothing selection and construction. Emphasis on the development of skills and the use of commercial patterns. Prerequisite or parallel: Art 21.

2 or 71. Clothing Design and Construction. Winter. 8:30 and 2:30. Three hours credit. Billings. Prerequisite 1 or 70.

Design and pattern blocking, with aim to develop freedom in design and modification of patterns.

3 or 72. Clothing Selection and Construction. Spring. 8:30 and 2:30. Three hours credit. Billings. Prerequisite: 1 and 2.

Problems in selection and construction; emphasis on textiles, textures and artistic dress.

5. **Survey Course in Clothing Construction.** Autumn, Winter, Spring. M. T. W. Th., 10:30. Two hours credit. Billings.

Introducing problems involved in selection and construction of personal clothing.

10. **Dress Appreciation.** Autumn. M. W. F., 1:30. Three hours credit. Billings.

A study of the economic and artistic problems involved in purchase of ready-to-wear clothing; fashion trends, clothing care, etc.

Upper Division Courses

50. **Clothing Decoration.** Autumn. M. T. W. Th., 9:30. Two hours credit. Elliott.

Planning and developing simple decorative stitches applicable to household and dress decoration. Articles of clothing applying these stitches will be made.

51. **Practical Household Crafts.** Winter. M. T. W. Th., 9:30. Two hours credit. Elliott.

The decorative stitchery given in course 50 is applied on clothing and articles used in the home.

52. **Children's Clothing.** Spring. M. T. W. Th., 9:30. Two hours credit. Elliott.

A consideration of design and construction of children's clothing suitable to various ages and types.

55. **Advanced Garment Construction.** Autumn. T. Th., 1:30. Two hours credit. Elliott.

Practice in renovating and remodeling. The principles of tailoring and applying the same to clothing.

56. **Advanced Garment Construction.** Winter. T. Th., 1:30. Two hours credit. Elliott.

Problems involved in the technique of dresses, coats, and suits. Emphasis will be placed on the tailoring of these articles.

57. **Wardrobe Building.** Spring. T. Th., 1:30. Two hours credit. Elliott.

Planning and designing dainty clothing for a college girl's wardrobe. Emphasis is put on the finishings of trimmings and material.

- 60, 61. Textiles.** Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott. Prerequisite: Chemistry 3.

History of primitive and modern methods of manufacturing textile fibers. The construction and finish of fabric and factors of quality and cost.

- 62. Economics of Clothing Selection.** Spring. T. Th., 10:30. Three hours credit. Elliott.

Open to all students. Field trips to stores and industries to study material are part of this course. Lectures by specialists. Textile buying emphasized.

- 65. Historic Costume and Costume Design.** Winter. M. W. F., 1:30. Three hours credit. Billings. Prerequisite or parallel: Art 21 and 25.

Historic development of fashion and fashion trends. Costume for school entertainment.

Note: Art Appreciation and General or European History are important background courses.

- 66. Costume Design.** Spring. M. W. F., 1:30. Three hours credit. Billings.

A study of art principles and their application to costume design for general and specific types. Emphasis on original design by use of historic and current source material. Prerequisites: Clothing, 1, 2, 3, 65; Art 21 or 25.

Graduate Courses

- 160, 161. Textiles.** Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott.

- 162. Economics of Clothing Selection.** Spring. T. Th., 10:30. Three hours credit. Elliott.

FOODS AND NUTRITION

Four approved hours of Clothing and Textiles or Household Administration may count toward a major in Foods and Nutrition. Majors in this department should also take Chemistry 3, 9, 76; Zoology 11; Botany 20 and 21.

These help to fill group requirements and are prerequisites for Foods and Nutrition 53.

Lower Division Courses

1. **Food Problems in the Home.** Autumn. T. Th., Lecture 2:30-3:30; Laboratory 3:30-5:30. Three hours credit.

For girls not majoring in home economics who desire some experience in the planning, preparation, and serving of adequate, well-cooked family meals.

2. **Food Problems in the Home.** Winter. T. Th. Lecture, 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit.

A continuation of course 1. Planning a convenient kitchen; selection of kitchen equipment; preparation of luncheon dishes and the serving of luncheons at a limited cost.

3. **Food Problems in the Home.** Spring. M. W. Lecture, 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit.

A continuation of course 2. Preparation of dinner dishes and the planning, preparing, and serving of 7:30-8:30. One hour credit.

Note: Courses 1, 2, and 3 may be taken in order but there are no prerequisites for them.

4. **Cookery Problems.** Spring. M. W. F.; Laboratory 7:30-8:30. One hour credit. (Not given this year.)

For men desiring experience in simple meal preparation. Special fee \$2.00.

5. **Elementary Nutrition.** Winter. T. Th., 10:30. Two hours credit. Barlow.

The nutritive properties of common foods and the essentials of an adequate diet, with special attention

to the diet of students. Open to men and women. Required of minors in Foods and Nutrition.

10 or 70. Food Selection, Preparation, and Serving. Autumn. M. W. Lecture 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Special attention is given to experimental cookery. A balanced diet with emphasis upon breakfast and dishes suitable to be served at this meal is considered.

11 or 71. Food Selection, Preparation, and Serving. Winter. M. W., Lecture 2:30-3:30. Laboratory. Sec. 1, T. Th., 8:30-10:30; Sec 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Prerequisite: course 10. Special emphasis on different luncheon dishes. Various types of luncheons are served.

12 or 72. Food Selection. Preparation and Serving. Spring. M. W. Lecture, 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Prerequisite: course 11. Special emphasis is placed on family table service. Dishes and menus for different types of dinners are studied.

15 or 75. Food Economics. Autumn. T. Th., 10:30. Laboratory in form of field trips. Three hours credit. Barlow.

Food marketing and purchasing. Principles underlying selection of materials and supplies, markets, advertising, and brands with reference to public economy and conservation.

Upper Division Courses

50. Large Quantity Cookery and Marketing. Autumn, Winter, Spring. Daily. 10:30-1:30. Five hours credit. Swenson.

Experience in management of school cafeterias, quantity cookery, marketing, cafeteria accounts. Pre-

requisites or parallel courses 10, 11, 12. Limited to five students each quarter.

52. **Nutrition of Children.** Winter. T. Th., 1:30. Laboratory, M. T. Th. F., 11:30-1:30. Three hours credit. Warnick. (Not given this year.)

Nutritional requirements and disorders of pregnancy, infancy, the pre-school and the school child.

53. **Nutrition.** Autumn. M. W. F., 9:30. Four hours credit. Barlow. Laboratory W. 2:30-5:30.

Prerequisites: Chemistry 3, 9, 76 and Foods and Nutrition 10, 11, 12. A study of the chemistry, digestion and metabolism of carbohydrates, fats, and proteins; the effect of food on health and growth.

54. **Dietetics.** Winter. M. W. F., 9:30. Laboratory W., 2:30-5:30. Four hours credit. Barlow.

Prerequisite: course 53. A study of minerals and their metabolism; vitamins and the deficiency diseases. The food requirements of the family and individual are considered.

55. **Nutrition in Disease.** Spring. M. W. F., 9:30. Laboratory, Wednesday 2:30-5:30. Four hours credit. Barlow.

Prerequisite: courses 53 and 54. This course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases.

56. **Seminar in Nutrition.** Spring. T. Th., 10:30. Two hours credit. Barlow.

Required of all senior girls majoring in Foods and Nutrition.

57. **Advanced Problems in Cookery.** Winter. Time to be arranged. Two hours credit. Lecture and laboratory period. (Not given this year.)

58. **Experimental Animal Nutrition.** Open to seniors and graduates only. Prerequisite: 5 hours in organic or biochemistry and courses 53 and 54.

This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. (Not given this year.)

Graduate Courses

- 150. **Large Quantity Cooking and Marketing.** Autumn, Winter, Spring. Daily, 10:30-1:30. Five hours credit. Swensen.
- 153. **Nutrition.** Autumn. M. W. F., 9:30. Four hours credit. Laboratory. Th., 2:30-5:30. Barlow.
- 154. **Dietetics.** Winter. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.
- 155. **Nutrition in Disease.** Spring. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.
- 156. **Seminar in Nutrition.** Spring. T. Th., 10:30. Two hours credit. Barlow.

HOUSEHOLD ADMINISTRATION

Ten approved hours of Foods and Nutrition and Clothing and Textiles may count towards a major in this field.

Lower Division Courses

- 1. **Household Problems.** Autumn. T. Th., 9:30. Two hours credit. Warnick. (Not given this year.)

This course will present the most important problems in the organization and management of the household. For students not majoring in home economics.

- 10. **Family Health.** Winter. T. Th., 8:30. Two hours credit. Warnick.

A consideration of factors underlying health; common communicable diseases and their treatment; home care of the sick.

Upper Division Courses

- 50. Home Planning.** Winter. M. W. F., 1:30. Two hours credit. Larsen.

Historic development of the house. American styles of home architecture. Location and environment of the home. House planning. Effect of form, line and color. Prerequisite: Art 21. (See Art 80.)

- 51. Interior Decoration.** Spring. M. W. F., 1:30. Two hours credit. Larsen.

Study of Art principles as applied to the furnishing and decorating of the home.

- 60. Home Management.** Spring. M. W. F., 8:30. Three hours credit. Warnick.

The study of the organization and management of the home, including home ideals, methods of work, division of time in the household and household tools.

- 61. Economics of the Household.** Winter. M. W. F., 8:30. Three hours credit. Warnick.

A study of the family income and its expenditure. Prerequisite: Sociology 11 or Economics 1.

- 62. Family Relationships.** Spring. M. W. F., 1:30. Three hours credit. Warnick.

The modern family, its function and structure; modern social conditions affecting its stability and pattern; responsibilities and contributions of members of the family. Open to men and women.

- 63. Standardization of Consumer's Goods.** Winter. M. W. F., 8:30. Three hours credit. Warnick. (Not given this year.)

Considers the position of the consumer-buyer today; the nature of standards and standardization; the process, and present status of standardization.

- 64. Housing Problems of the Modern Family.** Autumn. M. W. F., 8:30. Three hours credit. Warnick.

This course will aim to present and discuss problems facing the homemaker today in the selection of shelter for the family.

65. Equipment. Spring. M. W. F., 10:30. Three hours credit. Barlow.

A study of electrical and non-electrical equipment for the home. Fundamental factors determining selection and use.

66. Home Laundry. Autumn. T. Th., 8:30. Two hours credit. Warnick.

Location of and equipment of the home laundry. Supplies and methods. Treatment of various textiles. Costs.

70. Vocational Survey of Field of Home Economics. Autumn. F., 3:30. One hour credit.

Members of Home Economics Faculty.

Vocational opportunities for the home economics trained women are investigated and discussed. Required of all junior students, also seniors who have not previously had the course.

71. Methods of Teaching Home Economics. Spring. T. Th., 7:30. Two hours credit. Warnick.

The historical development, growth; present scope and trend; objectives of home economics education; its organization and relation to the present educational set-up.

72. Methods of Teaching Home Economics. Autumn. T. Th., 7:30. Two hours credit. Warnick.

Teaching methods as applied to home economics curriculum content; equipment and teaching facilities; laboratory arrangement and management.

73. Seminar. Spring. Th., 1:30. One hour credit. For all senior majors. Warnick.

78. Psychology of Childhood and Adolescence. Winter. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 72.)

79. Mental Hygiene. Autumn. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 71.)

80. **Child Care.** Autumn. M. W. F., 1:30. Three hours credit. Warnick.

Problems of parental and infant care; physical and mental standards of development; general care and hygiene of mother and child.

81. **Child Development.** Winter. M. W. F., 1:30. Three hours credit. Warnick.

Habit formation and behavior problems of the infant and pre-school child; home influence in the care and training of children; mental hygiene, observation of children in the home.

82. **Seminar in Child Development.** Spring. T., 1:30. One hour credit. Warnick.

Graduate Courses

160. **Home Management.** Spring. M. W. F., 8:30. Three hours credit. Warnick.

161. **Economics of the Household.** Winter. M. W. F., 8:30. Three hours credit. Warnick.

164. **Housing Problems of the Family.** Autumn. M. W. F., 8:30. Three hours credit. Warnick.

173. **Seminar.** Spring. Th., 1:30. One hour credit. Warnick.

180. **Child Care.** M. W. F., 1:30. Three hours credit. Warnick.

181. **Child Development.** Winter. M. W. F., 1:30. Three hours credit. Warnick.

182. **Seminar in Child Development.** Spring, 1:30. One hour credit. Warnick.

HORTICULTURE

Assistant Professor Shaw; Professor Morris.

Students majoring in Horticulture are required to take the following courses: 1, 2, 3, 8, 10, 53, 59, and 80.

Lower Division Courses

1. **Principles of Pomology.** Autumn. M. W. F., 8:30. Three hours credit. Shaw.

The principles underlying profitable orchard management. History of orcharding, methods of planting, selection of locations and sites, marketing, storage, harvesting, thinning, proper care of trees.

2. **Elements of Vegetable Production.** Autumn. M. W., 8:30. Three hours credit. Shaw. (Not given this year.)

Fundamental principles underlying the production of vegetable crops.

3. **Plant Propagation.** Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Shaw.

Sexual and asexual means of propagation studied. Spores, seeds, grafting, budding, cutting, layering, separation.

- 4, 5, 6. **Ornamental Herbaceous Plant Materials.** Autumn, Winter, Spring. T., 1:30. One hour credit each quarter. Morris.

Annual and perennial flowering plants used in landscape design will be studied. Cultural methods, and insects and disease pests of each will be also considered.

7. **Small Fruits.** Spring. W. F., 9:30. Three hours credit. Shaw.

A study of varieties, propagation, cultural methods, pruning, training, insect and disease control, and harvesting of small fruits.

8. **Ornamental Woody Plant Materials.** Autumn. T. Th.,

8:30; Laboratory 2:30-5:30. Three hours credit. Morris.

Ornamental shrubs and trees used in landscape design will be studied. The student will learn to identify a large number, and also to control various pests that attack them.

9. **Ornamental Woody Plant Materials.** Spring. T. Th., 8:30; Laboratory 2:30-5:30. Three hours credit. Morris.

This course is a continuation of Horticulture 8.

10. **Theory and Practice of Landscape Design.** Spring. T. Th., 9:30. Laboratory T., 2:30-5:30. Three hours credit. Morris (see Landscape Architecture 10.)

32. **Marketing Fruits and Vegetables.** Spring. M. W. F., 8:30. Three hours credit. Shaw.

Problems dealing with the transportation, marketing and storage of fruits and vegetables. Particular emphasis will be placed upon marketing methods and specific marketing problems.

Upper Division Courses

51. **Origin and History of Cultivated Plants.** Winter. T. Th., 8:30. Two hours credit. Morris.

Study of origin of species and varieties. Changes and adaption of plants. Interesting historical facts of plants.

52. **Systematic Pomology.** Autumn. T. Th., 1:30. Laboratory F., 2:30-5:30. Two or three hours credit. Shaw.

Emphasis placed on the identification, description, and nomenclature of fruits and fruit trees.

53. **Fundamentals of Fruit Production.** Spring. M. W. F., 1:30. Three hours credit. Shaw.

A technical course based upon plant physiology and morphology as applied to fruit production. Prerequisites: Agronomy 41, Botany 60, and Chemistry 9 or equivalent.

54. Truck Gardening. Autumn. T. Th., 2:30. Two hours credit. Shaw.

A study of large scale production for canning factories, special and general markets.

55. Practical Problems in Horticulture. Spring. Laboratory course. Time to be arranged. One hour credit. Shaw.

A study of horticultural problems in Utah. Orchards and plantations will be visited and studied.

59. Plant Breeding. Winter. M. W. F., 1:30. Three hours credit. Morris.

A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection as practiced in Europe and America. Prerequisite: Genetics (given in Zoology and Botany departments.)

80. Advanced Vegetable Physiology. Winter. M. W. F., 2:30. Three hours credit. Shaw.

Ecological and physiological factors underlying the production, preparation for market, and storage of vegetable crops. Prerequisites: Agronomy 41, Botany 60 and Chemistry 9 or equivalent.

91, 92, 93. Seminar. Autumn, Winter, Spring. One hour credit each quarter. Time to be arranged.

A study of the research work being done at the various experiment stations. For seniors majoring in Horticulture.

Graduate Courses

102. Research. Time and credit to be arranged.

Students who are qualified are required to do some horticultural research problems.

120. Methods in Biological Research. Winter. T. Th., 2:30. Two hours credit. Shaw.

Analysis of research methods, field plot technique and organization and prosecution of a thesis.

153. Advanced Fruit Production.

180. Advanced Vegetable Physiology.

LANDSCAPE ARCHITECTURE

Professor Morris; Assistant Professors Shaw, Snell.

Lower Division Courses

1. **History of Landscape Architecture.** Winter. M. W. F., 8:30. Three hours credit. Morris.

Contributions of various civilizations from ancient Egypt to the present will be discussed. Emphasis on Italian Renaissance, English, French, and American styles.

2. **Elements of Drawing.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell. (See Drawing 2.)

3. **Plant Propagation.** Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Shaw.
(See Horticulture 3.)

- 4, 5. **Ornamental Herbaceous Plant Materials.** Autumn and Winter. T., 1:30. One hour credit each quarter. Morris. (See Horticulture 4, 5.)

6. **Ornamental Herbaceous Plant Materials.** Spring. T. Th., 1:30. Two hours credit. Morris. (See Horticulture 6.)

- 8, 9. **Ornamental Woody Plant Materials.** Autumn and Spring. T. Th., 8:30. Lab. T., 2:30 to 5:30. Three hours credit each quarter. Morris. (See Horticulture 8 and 9.) (Not given this year.)

10. **Landscape Architectural Drawing.** Autumn. T. Th., 2:30-5:30. Two hours credit. Morris.

The pictorial representation of landscape features, including perspective, light and shade and lettering.

20. **Theory and Practice of Landscape Architecture.** Spring. T. Th., 9:30. Laboratory T., 2:30-5:30. Morris.

A general course for students not majoring in landscape architecture. Home grounds are the chief consideration of the course.

21. **Theory of Design.** Autumn. M. W. F., 8:30. Three hours credit. Morris.

Principles of design and composition as applied to landscape architecture. Unity, harmony, balance, repetition, etc. A foundation to all courses in landscape architecture.

- 23. Landscape Design.** Autumn. M. W., 2:30-5:30. Two hours credit. Morris.

The design of gardens and private grounds. A fundamental course to all landscape design. (Prerequisite or parallel: course 21.)

- 24. Landscape Design.** Winter. M. W., 2:30-5:30. Two hours credit. Morris.

The design of historic gardens, particularly of the Italian, French, and English Renaissance. (Prerequisites: Courses 21 and 23.)

- 25. Landscape Design.** Spring. M. W., 2:30-5:30. Two hours credit. Morris.

Designing to fit the setting. Private and public grounds considered. (Prerequisite: Course 23.)

Upper Division Courses

- 51. Planting Design.** Winter. Th. F., 2:30-5:30. Two hours credit. Morris.

Planting plans for gardens and grounds studied in 23, 24, 25 will be made. Plant compositions emphasized. Prerequisite courses: 4, 5, 6, 8, 9, and 23.

- 52. City Planning.** Winter. T. Th., 10:30. Two hours credit. Morris.

The history of various types of city plans; advantages and disadvantages. Emphasis on Salt Lake City, Washington, D. C., and Paris. The small city studied.

- 60, 61, 62. Architectural Design.** Autumn, Winter, Spring. T., 2:30-5:30. One hour credit each quarter. Morris.

Designs of such architectural features as used in the landscape will be studied and made by students. Pergolas, arbors, retaining walls, garden houses, etc.

- 70. Landscape Engineering.** Autumn. T. Th., 9:30. Lab-

oratory Th., 2:30-5:30. Three hours credit. Morris.

Grades and grading as applied to land surfaces, roads and walks form the major part of the course. Simple structures also considered. Prerequisite: Surveying.

80, 81, 82. **Advanced Landscape Design.** Autumn, Winter, Spring. M. W., 2:30-5:30. Two hours credit each quarter. Morris.

The design of private and public grounds in relation to topography and natural features studied. Units of design will largely be determined by land-shapes and surfaces. Prerequisites: Courses 21, 23, 24, 25, and 70.

90. **Modeling.** Winter. T. Th., 9:30. Two hours credit. Morris.

Landscape units modeled in miniature with plastelene, artificial trees, shrubs, grass, etc. This is a means of visualizing landscape compositions and topography.

Graduate Courses

101. **Special Problems in Design.** Autumn, Winter, Spring. Time and credit to be arranged. Morris.

This is a continuation of lower and advanced courses in design. It will be necessary for students who take this course to reside in Los Angeles for at least one month.

151. **Planting Design.**

170. **Landscape Engineering.**

180, 181, 182. **Advanced Landscape Design.**

LIBRARY

Miss Ollorton, Mrs. Gillespie, and Mrs. Brown.

11. **Use of Books and Libraries.** Autumn, Winter, or Spring. Th., 3:30. One hour credit.

The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalog will receive special emphasis.

MATHEMATICS

Professors Eyring, Marshall; Associate Professor Hales.

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 49, 50, 51, 52, 71, 72.

Lower Division Courses

11. **College Algebra.** Autumn. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Eyring and Marshall.

A study of fractions, exponents and radicals, quadratic equations, logarithms, elementary series, determinants, etc.

12. **Plane Trigonometry.** Winter. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Eyring and Hales.

13. **Graphical and Statistical Methods.** Spring. Daily, 9:30. Five hours credit. (Not given this year.)

The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc.

35. **Mathematical Theory of Investments.** Spring. M. W. F., 2:30. Three hours credit. Eyring.

Application of Algebra to general business problems, such as annuities, amortization, capitalization, depreciation, sinking fund, bond values and building and loan associations.

49. **Analytic Geometry.** Spring. Daily, 8:30. Five hours credit. Eyring.

A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc. Prerequisites: Mathematics 11 and 12.

Upper Division Courses

50. **Differential Calculus.** Autumn. M. T. W. Th., 9:30. Four hours credit. Marshall.

An introductory course with numerous applications of the principles to tracing of curves, and the solution

of problems from geometry and mechanics. Prerequisite: Mathematics 49.

- 51. Integral Calculus.** Winter. M. T. W. Th., 9:30. Four hours credit. Marshall.

The purpose and nature of integration is developed. Principles applied to problems in geometry, mechanics, and physics.

- 52. Advanced Calculus.** Spring. M. T. W. Th., 9:30. Four hours credit. Marshall.

Development of the definite integral as a sum, together with development of the more theoretical aspects of the differential calculus.

- 71. Differential Equations.** Autumn. M. W. F., 9:30. Three hours credit. Hales.

Differential equations of the first order, linear differential equations, total and partial differential equations with numerous applications to physics. Junior or senior year. Prerequisite: Mathematics 52.

- 72. Differential Equations.** Winter. M. W. F., 9:30. Three hours credit. Hales. Continuation of 71.

- 81. Theoretical Mechanics.** Autumn. M. W. F., 10:30. Three hours credit. Marshall.

Fundamental principles of mechanics and their applications to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

- 82. Dynamics.** Winter. M. W. F., 10:30. Three hours credit. Marshall.

The application of d'Alembert's principle, generalized coordinates, the Lagrangian and canonical equations, Hamilton's principle, etc. Prerequisites: Mathematics 71, 72, 81.

Graduate Courses

- 101. Vector Analysis.** Winter. M. W. F. Three hours credit. Marshall. (Not given this year.)

Fundamental operations of vector analysis.

102. Vector Analysis. Spring. M. W. F. Three hours credit. Marshall. (Not given this year.)

Application of vector analysis to mechanics, electromagnetic theory, and other branches of mathematical physics.

105. Advanced Calculus. Autumn. Daily, 2:30. Five hours credit. Marshall.

A review of the fundamental theory of the calculus presented with a view to precision of statement and accuracy of proof. Prerequisite: Mathematics 72.

106. Advanced Calculus. Winter. Daily, 8:30. Five hours credit. Marshall.

Theory of differential equations, study of simple integrals, multiple integrals, and infinite integrals.

107. Advanced Calculus. Spring. Daily, 8:30. Five hours credit. Marshall.

Study of some classes of functions defined by integrals; introduction to calculus of variations, and theory of functions.

Note: Courses 105, 106, and 107 will follow an outline somewhat as given in Wood's "Advanced Calculus."

171. Differential Equations. Autumn. M. W. F., 9:30. Three hours credit. Hales.

172. Differential Equations. Autumn. M. W. F., 9:30. Three hours credit. Hales.

192. Readings in Mathematics. Credit, one to three hours, depending on the work done. Marshall.

200. Thesis in Mathematics. Credit to be arranged.

MECHANIC ARTS

*Assistant Professor Snell; Professors Hansen, Eastmond, Larsen;
Mr. Bigelow, Mr. Coffman.*

For mechanic arts teachers, it is advised that both major and minor be taken in this department.

Credit in shop courses in Mechanics is given on the basis of three hours for nine hours application each week during the quarter.

MECHANICS

Lower Division Courses

1. **Art Metal Work.** Winter. M. W. F. Two hours credit. Eastmond and Larsen. (See Art 35.)
2. **Art Leather Work.** Spring. M. W. F. Two hours credit. Eastmond and Larsen. (See Art 36.)
4. **Shop Practice.** Autumn. Daily, 1:30-3:30. Three hours credit. Snell.

The making of projects suitable for junior and senior high school instruction in sheet metal, cold iron, and electrical lighting circuits, buzzers, bells, heating elements, etc.

5. **Ornamental Iron Work.** Autumn. T. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Craftsmanship in wrought iron work. Designing, cutting, sawing, bending, drilling, tapping, threading, finishing, etc. Lectures and outside preparation.

6. **General Construction.** Autumn, Winter, Spring. Daily, 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

Review of tool processes and tool sharpening, survey of common building materials, billing and ordering, cement forming and framing applied in simple structures.

7. **Tool Technique.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Required of all mechanics majors. Sharpening, care and use of woodworking hand tools, applied in fundamental principles of sawing, joining, fitting, fastening, etc.

11. **Elementary Auto Mechanics.** Autumn. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction of the automobile and an elementary study of the principles involved. Lubrication, assembling and repairing of brakes, rear axles, transmission systems and engines.

12. **Elementary Auto Mechanics.** Winter. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction and adjustment of carburetors and ignition system.

13. **Elementary Auto Mechanics.** Spring. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Ignition, timing, "trouble shooting," battery work and starting and lighting systems.

17. **Wood Turning.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Exercises and projects in wood turning executed through individual designs.

18. **Pattern Making.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

The principles of pattern making are taught through the making of simple patterns for machine parts.

19. **Wood and Metal Finishing.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Preparation of surfaces for the application of fin-

ishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of the brush and air gun.

- 21. Upholstering and Seat Weaving.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Typical forms of upholstery, including foundations with and without springs. Seat and panel weaving with cane and fiber.

- 23. Cement.** Spring. M. T. W. Th., 3:30-5:30. Three hours credit. Snell.

Cement, mixes, tests, forming, finishing, etc, in structural and ornamental projects.

- 27. Cabinet Construction.** Autumn. M. T. W. Th., 1:30-3:30, 3:30-5:30. Two or three hours credit. Snell.

Drawings are submitted and the article is made to conform to these. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and polishing.

- 28. Cabinet Construction.** Winter. M. T. W. Th. Snell.
Continuation of 27.

- 29. Cabinet Construction.** Spring. M. W. F., 1:30-3:30. Snell.

Continuation of 28.

Upper Division Courses

- 51. Ignition.** Autumn. Daily, 3:30-5:30. Two or three hours credit. Bigelow.

Battery, vibrator, and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments.

- 52. Generators and Starting Motors.** Winter. Bigelow.
Hours and credits as in 51.

The working principles of the dynamo, and testing for shorts and open circuits. Reverse current cutouts, types of generator regulation as third brush control systems and generator output.

53. Machine Work and Welding. Spring. Bigelow.
Hours and credit the same as in 51.

Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding.

57. Standard Construction Methods. Autumn. M. W. F., 8:30. Three hours credit. Snell.

This course deals with the theoretical side of building. Location, soil conditions, footings, materials, equipment, etc.

58. Carpentry. Autumn, Winter, Spring. M. T. W. Th., 3:30-5:30. Three hours credit. Snell.

Thorough drill in saw filing. Tool practice applied in practical problems. Fitting and hanging of doors and windows, built-in cabinets, stair construction and framing. Prerequisite: Course 7, and Drawing 13.

59. Estimating. Spring. M. W. F., 8:30. Three hours credit. Snell.

Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor. Permits, contracts, liens. Prerequisite: Drawing 13.

64. Mill Work—Woodworking Machinery. Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Work will be handled as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

65, 66, 67. Shop Work. Autumn, Winter, Spring. Two or three hours credit. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Snell. Prerequisites: Courses 57, 58, 59, or their equivalents.

Advanced work, consisting of the erection of buildings, cabinet work, upholstery, pattern work, or novelty work.

DRAWING

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

Lower Division Courses

1. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Eastmond and Larsen. (See Art 21.)

2. **Elements of Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

This course is designed to give facility in lettering, drawing of simple working drawings, charts, graphs, making sketches and reading drawings. (See Accounting and Business Administration 10.)

3. **Free-hand Lettering.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practice in lettering as applied in architectural and engineering office work.

4. **Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

The care and use of instruments, lettering, applied geometry, and orthographic projection.

5. **Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

Pictorial representation, developed surfaces, inter-sections, and working drawings. Prerequisite: Drawing 4 or equivalent.

6. **Descriptive Geometry.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

A study of the principles relating to the point, line plane, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites: Drawing 4 and 5.

8. **Elementary Machine Design.** Autumn. Daily, 9:30 or 10:30. Two hours credit. Snell.

Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blue-prints. Prerequisites: Drawing 4, 5, 6.

9. **Elementary Machine Design.** Winter. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 8.

10. **Shades and Shadows.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Planned to give fundamental knowledge necessary for casting shadows in architectural design.

11. **Instrumental Perspective.** Autumn, Winter, or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

The theory and application of methods of drawing architectural perspectives. Prerequisites: Drawing 4, 5 and 6, or equivalent.

12. **Rendering.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Wash rendering practice plates and rendering of architectural elements.

13. **Architectural Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisites: Drawing 4, 5 and 6, or equivalent.

14. **Architectural Drawing.** Winter. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 13.

15. **Architectural Drawing.** Spring. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 14.

- 16, 17, 18. **Architectural Design.** Autumn, W i n t e r ,

Spring. Daily, 9:30 or 10:30. Extra laboratory period arranged any afternoon. Two or three hours credit each quarter. Snell.

A series of order problems involving the study of the principles of composition. Problems similar to Class B Analytiques of the Beaux-Arts Institute of Design will be followed. Prerequisites: Drawing 6, 10, 11, 12.

19. Topographical Drawing. Autumn, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practical elementary work in topographical drawing. Mapping and plotting from field notes. Prerequisites: Drawing 4, 5 and 6.

Upper Division Courses

51, 52, 53. Architectural Design. Autumn, Winter, Spring. Daily, 9:30-10:30. Extra laboratory periods arranged any afternoon. Three hours credit each quarter. Snell.

Designing, rendering, detailing, tracing, and blue-printing. A complete set of plans with one display drawing each quarter. Prerequisites: Drawing 16, 17 and 18.

ENGINEERING

Drawing 4, 5, 6, 7, and Mechanics 7, 18, 51, 52, 53, 57, 59 are required of all pre-engineering students.

Lower Division Courses

1, 2, 3. Elementary Surveying. Autumn, Winter, Spring. M. W. F., 3:30. Two hours credit each quarter. Prerequisites: Trigonometry and Drawing 4, 5, 6.

Methods of using the compass, tape, level and transit in making plain surveys, differential leveling, profile and cross-section work, curves, grades, computation platting.

Upper Division Courses

- 63. Irrigation and Drainage.** Autumn. M. W. F., 1:30.
Three hours credit. Coffman. (See Geology 63.)
- 91. Economic Geology.** Spring. Daily, 10:30. Five hours
credit. Hansen. (See Geology 91.)
- 94. Plane Table Surveying.** Spring. M. W. F., 3:30.
Two hours credit. Hansen and Snell. (See Geology
191 and Drawing 19.)

MODERN AND CLASSICAL LANGUAGES

*Professors Cummings, De Jong; Associate Professor Sperry;
Assistant Professor Swensen; Mrs. Roberts, Miss Black,
Mr. Ernest Young.*

Students who intend to complete a major in German, French or Spanish are advised to offer two high school units of the chosen language. Two units of elementary Latin are recommended for those who intend to do graduate work in the department. Ample opportunity, however, is offered in college for this preliminary work. Baccalaureate majors are required to furnish in addition to courses 11, 12, 13 or their equivalent, which is about two units of high school credit, 54-56, 57-59, 61-63, 71-73, 81-83 and Phonetics 42. Students who complete a minor in one of the languages and expect to receive the departmental recommendation as teachers in the subject are advised to include courses: 11-13, 54-56, 57-59, 81-83, and Phonetics 42.

GERMAN

Lower Division Courses

- 1, 2, 3. Elementary German. Autumn, Winter, Spring. Daily, 9:30. Five hours credit. De Jong.

Designed for those who have had no German. Pronunciation, reading, and the fundamentals of grammar, the building up of a substantial reading vocabulary.

- 11, 12, 13. Elementary German. Autumn, Winter, Spring. Daily, 9:30. Five hours credit. De Jong.

Designed for those who have had no German and who have the desire and ability to make more than ordinary progress. Training in the ability to read, in understanding spoken German and in speaking German.

Upper Division Courses

- 51, 52, 53. Advanced German. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter.

De Jong. Prerequisite: German 3 or fifteen hours of German, or two units of German in high school.

Comprehensive study of grammar. Conversation and composition. Reading from the general field.

54, 55, 56. **Advanced German.** Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit. De Jong. Prerequisites: German 11, 12, 13 or their equivalent.

Designed for those who desire to advance rapidly in the language. The various language skills, viz., reading, understanding, speaking and writing, and grammar.

57, 58, 59. **Advanced German Reading.** Autumn, Winter, Spring. T. Th., 8:30. Two hours credit each quarter. De Jong. Prerequisites: German 1, 2, 3 or their equivalent.

A companion series for series 51, 52, 53 or series 54, 55, 56. Reading, extensive and intensive, with stress on vocabulary building, conversation and ear training.

61, 62, 63. **German Composition and Conversation.** Autumn, Winter, Spring. M. W., 3:30. Two hours credit each quarter. De Jong. Prerequisite: Twenty-four hours of German or the consent of the instructor.

71, 72, 73. **Introduction to German Literature and Culture.** Autumn, Winter, Spring. T. Th., 3:30. Two hours credit. De Jong. Prerequisite: Thirty hours of German or the consent of the instructor.

A general view of the literary periods, movements, and social background, with representative readings.

81. **Methods of Teaching Modern Languages.** Autumn. T. Th., 2:30. Two hours credit. Cummings. (See Secondary Education 65.)

Designed for language majors in their senior year, should follow work in principles of education and general methods. Should be followed by 82, 83.

82, 83. **German for Teachers.** Winter, Spring. T. Th., 1:30. Two hours credit. De Jong.

Problems of German pronunciation, grammar, verification, reading, etc. A brief introduction to the history of the German language.

Graduate Courses

At least 40 hours of undergraduate German are prerequisite to graduate credit in any graduate course to be applied toward a master's degree in German.

121, 122, 123. German Novel from 1800 to the Present.
Two hours credit each quarter. De Jong. (Not given this year.)

131, 132, 133. German Drama from 1800 to the Present.
Two hours credit each quarter. De Jong. (Not given this year.)

141. Lessing. Autumn. Time to be arranged. Two hours credit. De Jong. (Not given this year.)

142. Schiller. Winter. Time to be arranged. Two hours credit. De Jong. (Not given this year.)

143. Goethe. Spring. Time to be arranged. Two hours credit. De Jong. (Not given this year.)

144. Kleist and Grillparzer. Autumn. M., 4:30. Two hours credit. De Jong.

145. Hebbel and Ludwig. Winter. M., 4:30. Two hours credit. De Jong.

146. Hauptmann and Sudermann. Spring. M., 4:30. Two hours credit. De Jong.

161, 162, 163. Advanced German Composition and Conversation. Autumn, Winter and Spring. M. W., 3:30. Two hours credit each quarter. De Jong.

171, 172, 173. German Literature of the Eighteenth, Nineteenth, and Twentieth Centuries Respectively. Autumn, Winter, Spring. T. Th., 3:30. Two hours credit each quarter. De Jong. (Not given this year.)

181. Methods of Teaching Modern Languages. Autumn, T. Th., 2:30. Two hours credit. Cummings.

182, 183. German for Teachers. Winter, Spring. T. Th., 1:30. Two hours credit. De Jong.

Problems of German pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the German language.

200. Research for Master's Thesis.

FRENCH

Lower Division Courses

1, 2, 3. Elementary French. Autumn, Winter, Spring. Daily, 9:30. Five hours credit each quarter. Cummings.

Designed for those who have had no French. Pronunciation, reading, the fundamentals of grammar, and the building of a substantial reading vocabulary.

11, 12, 13. Elementary French. Autumn, Winter, Spring. Daily, 9:30. Five hours credit each quarter. Roberts.

Designed for those who have had no French, and who have the desire and the ability to make more than ordinary progress. Training in the ability to read, in understanding spoken French and speaking French.

23. Elementary French. Autumn, Daily. 3:30. Five hours credit. Roberts. Prerequisite: French 2, or one unit of high school French taken recently.

Pronunciation, reading, fundamentals of grammar, and the building of a substantial vocabulary. To be followed by French 52.

Upper Division Courses

51, 52, 53. Advanced French. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter.

Roberts. Prerequisite: French 3, or fifteen hours of French or two units of French in high school.

Comprehensive study of grammar. Conversation and composition. Reading from the general field.

54, 55, 56. Advanced French. Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Cummings. Prerequisites: French 11, 12, 13 or their equivalent.

Designed for those who desire to advance rapidly in the various language skills, viz., reading, understanding, speaking and grammar.

57, 58, 59. Advanced French Reading. Autumn, Winter, Spring. 1:30. Two hours credit each quarter. Roberts. Prerequisites: French 1, 2, 3 or their equivalent.

A companion series for series 51, 52, 53 or series 54, 55, 56. Reading extensive and intensive, with stress on vocabulary building, conversation and ear training.

61, 62, 63. French Composition and Conversation. Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Cummings and Roberts. Prerequisite: Twenty-four hours of French or the consent of the instructor.

71, 72, 73. Introduction to French Literature and Culture. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cummings. Prerequisite: Thirty hours of French or the consent of the instructor. (Not given this year.)

A general view of the literary periods, movements, and social background, with representative readings.

81. Methods of Teaching Modern Languages. Autumn, 2:30. T. Th. Two hours credit. Cummings. (See Secondary Education 65.)

Designed for language majors in their senior year and should follow work in principles of education and general methods. Should be followed by 82, 83.

82, 83. **French for Teachers.** Winter, Spring. T. Th., 2:30. Two hours credit. Cummings.

Problems of French pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the French language.

Graduate Courses

121, 122, 123. **French Novel from 1800 to the Present.** Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)

131, 132, 133. **French Drama from 1800 to the Present.** Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)

141. **Corneille.** Autumn. Time to be arranged. Two hours credit. Cummings. (Not given this year.)

142. **Racine.** Winter. Time to be arranged. Two hours credit. Cummings. (Not given this year.)

143. **Moliere.** Spring. Time to be arranged. Two hours credit. Cummings. (Not given this year.)

161, 162, 163. **Advanced French Composition and Conversation.** Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Cummings and Roberts.

171, 172, 173. **French Literature of the Seventeenth, Eighteenth and Nineteenth Centuries.** Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)

181. **Methods of Teaching Modern Languages.** Autumn. T. Th., 2:30. Two hours credit. Cummings.

182, 183. **French for Teachers.** Winter, Spring. T. Th., 1:30. Two hours credit. Cummings.

Problems of French pronunciation, grammar, versification, reading, etc. An introduction to the history of the French language.

200. **Research for Master's Thesis.**

SPANISH

Lower Division Courses

- 1, 2, 3. **Elementary Spanish.** Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Young.

Designed for those who have had no Spanish. Pronunciation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial reading vocabulary.

Upper Division Courses

- 51, 52, 53. **Advanced Spanish.** Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Young. Prerequisite: Spanish 3, or fifteen hours of Spanish or two units of Spanish in high school.

Comprehensive study of grammar. Conversation and composition based on reading. Reading from the general field.

- 57, 58, 59. **Advanced Spanish Reading.** Autumn, Winter, Spring. 1:30. Two hours credit each quarter. Cummings. Prerequisites: Spanish 1, 2, 3 or their equivalent.

A companion series for series 51, 52, 53. Reading extensive and intensive, with stress on vocabulary building.

- 61, 62, 63. **Spanish Composition and Conversation.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Cummings. Prerequisite: Twenty-four hours of Spanish. (Not given this year.)

- 71, 72, 73. **Introduction to Spanish Literature and Culture.** Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cummings. Prerequisite: Thirty hours of Spanish or the consent of the instructor.

A general view of the literary periods, and movements, and social background, together with representative readings. (Not given this year.)

81. **Methods of Teaching Modern Languages.** Autumn.

T. Th., 2:30. Two hours credit. Cummings. (See Secondary Education 65.)

Designed for language majors in their senior year and should follow work in principles of education and general methods.

82, 83. Spanish for Teachers. Winter, Spring. T. Th., 1:30. Two hours credit. Cummings.

Problems of Spanish pronunciation, grammar, reading, versification, etc. A brief introduction to the history of the Spanish language.

ITALIAN

Lower Division Courses

1, 2, 3. Elementary Italian. Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit each quarter. Cummings.

Introduction to the elements of grammar. Special attention to accurate pronunciation for the benefit especially of students of vocal music. Easy reading.

LATIN

Lower Division Courses

1, 2, 3. Elementary Latin. Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Black.

Designed for those who have had no Latin. Mastery of pronunciation, declensions and conjugations. Correlation of Latin originals with English derivatives. Graded reading. Characteristics of Roman civilization.

Upper Division Courses

51, 52, 53. Advanced Latin. Autumn, Winter, Spring. Daily, 1:30. Three hours credit each quarter. Black. Prerequisite: Latin 3 or two units of Latin in high school.

Comprehensive study of grammar. Composition. Reading from the classics.

GREEK

Lower Division Courses

- 1, 2, 3. **Elementary Greek.** Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Swensen.

Designed for those who have had no Greek. The fundamentals of Greek syntax, declensions, and conjugations. Readings in the Greek New Testament. Hellenistic culture and its literary productions.

Upper Division Courses

- 54, 55, 56. **Advanced Greek.** Autumn, Winter, Spring. Three hours credit each quarter. Swensen. Prerequisites: Greek 1, 2, 3 or the equivalent. (Not given this year.)

Translation, readings from the Greek New Testament, Epictetus, and Xenophon. Comparison and contrast of the classical and Hellenistic literary and grammatical forms.

HEBREW

Lower Division Courses

- 1, 2, 3. **Elementary Hebrew.** Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Sperry.

A beginning course. Pronunciation, fundamentals of grammar, and drill in graded reading.

PHONETICS

Lower Division Course

42. **Practical Phonetics.** Autumn. T. Th., 1:30. Two hours credit. De Jong.

The elementary principles of speech mechanics in their relation to correct diction. This course correlates with courses in the Modern Languages, Speech, and Vocal Music.

MUSIC

*Professors Jepperson-Madsen, Robertson, Madsen, De Jong; Associate Professor Sauer; Assistant Professor Hanson; Miss Summerhays
Mr. Nelson, Mr. Fitzroy, Mrs. Packard, Mr. Ruggert.*

Those who major in the Department of Music must complete the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 61; 81; Piano, 3 hours; Vocal Culture, 3 hours; and Vocal or Instrumental Ensemble, 6 hours. Those preparing to teach should also take Theory of Music 41 and 91. These requirements are subject to change where conditions warrant individual consideration.

The work presented by those who minor in the Department of Music should include the following courses: Theory of Music 11, 12, 13; 21; 22; 31; 41; 91.

Private courses are indicated by -p. In the instrumental division, the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7, private piano; 3 t-p means course 3, private trombone, etc.

THEORY OF MUSIC

Lower Division Courses

11. Grammar of Music. Autumn. T. Th. Two hours credit. Madsen.

12, 13. Solfeggio. Winter, Spring. T. Th. Two hours credit each quarter. Jepperson-Madsen.

The study of intervals, diction, and sight-singing.

21, 22, 23. Harmony. Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Intervals; primary and secondary triads; dominant seventh and ninth chords, diminished seventh chords; open harmony.

31, 32, 33. Philosophy and Appreciation of Music. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

The important philosophies of music and musi-

cians; the philosophy of the elements of music, musical structure, musical compositions, musical values.

- 41. Public School Methods.** Autumn or Spring. M. W. F. Three hours credit. Hanson.

Special technique of instruction and material for the grades; class demonstrations and supervised teaching. Prerequisite: Theory of Music 11.

Upper Division Courses

- 61, 62, 63. Solfeggio.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Jepperson-Madsen.

Prerequisite: Theory of Music 11, 12, and 13. Training in advanced sight singing.

- 71, 72. Harmony.** Autumn, Winter. M. W. F. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 21, 22, 23. Modulation; secondary seventh and altered chords; non-harmonic tones; modern harmony.

- 73. Form and Analysis.** Spring. M. W. F. Three hours credit. Robertson.

Prerequisite: Theory of Music 72, or the equivalent. Study of musical form, from the section to the sonata; harmonic analysis.

- 81, 82, 83. History.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Madsen.

Alien musical systems, ancient and modern. Origin of musical instruments. Medieval and modern music.

- 91. High School Methods.** Winter. T. Th. Two hours credit. Hanson.

Special technique of instruction and materials for the junior and senior high schools. This course should precede or accompany Secondary Education 54. (See Secondary Education 64.)

- 92, 93. Counterpoint.** Autumn, Winter. T. Th. Two hours credit each quarter. Madsen.

An elementary course in counterpoint.

94. Composition. Spring. T. Th. Two hours credit. Madsen.

An elementary course in composition in the smaller forms. Prerequisites: Theory of Music 73, 92, 93.

95. Instrumentation. Winter. T. Th. Two hours credit. Sauer.

A practical course for high school teachers and supervisors in arranging for band and orchestra.

Graduate Courses

121, 122, 123. Counterpoint. Autumn, Winter, Spring. Three hours credit each quarter. Madsen.

Prerequisites: Theory of Music 71, 72, 73. Strict and free counterpoint in the various species.

124, 125, 126. Canon and Fugue. Autumn, Winter, Spring. Three hours credit each quarter. Madsen.

Prerequisites: Theory of Music 121, 122, 123.

127, 128, 129. Instrumentation. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 23. Study of orchestra instruments; arranging in solo, duet, trio, and quartet form; arranging for string and symphony orchestra.

171, 172, 173. Modal Counterpoint. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 23. The contrapuntal system of Palestrina, Des Pres, and Lasso.

181, 182, 183. Composition. Autumn, Winter, Spring. Three hours credit each quarter. Madsen.

Prerequisite: Theory of Music 73, and at least one quarter of 121 and 171.

200. Research for Master's Thesis. Credit to be arranged.

INSTRUMENTAL MUSIC

Lower Division Courses

- 1, 2, 3; 4, 5, 6. **Band.** Autumn, Winter, Spring. Daily. One hour credit each quarter, Sauer.
Admission by consent of director.
- 7, 8, 9; 10, 11, 12. **Orchestra.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.
Admission by consent of director.
- 13, 14, 15; 16, 17, 18. **String Ensemble.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Robertson.
- 19, 20, 21; 22, 23, 24. **Band Ensemble.** Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.
- 1, 2, 3; 4, 5, 6p-p. **Piano.** Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy.
- 7, 8, 9p-p. **Piano Ensemble.** Autumn, Winter, Spring. One hour credit each quarter. Nelson.
The fundamentals of ensemble playing. Four, six, and eight hand arrangements.
- 10p-p. **Piano Pedagogy.** Any quarter. One hour credit. Nelson, Hanson, Fitzroy.
Methods and problems of piano teaching in the elementary grades.
- 1, 2, 3; 4, 5, 6v-p. **Violin.** Autumn, Winter, Spring. One hour credit each quarter. Robertson.
- 1, 2, 3; 4, 5, 6c-p. **Cornet.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 1, 2, 3b-p. **Baritone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 11, 12, 13b-p. **Bassoon.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

- 21, 22, 23b-p. Bass (Tuba.)** Autumn, Winter, Spring.
One hour credit each quarter. Sauer.
- 11, 12, 13; 14, 15, 16c-p. Clarinet.** Autumn, Winter,
Spring. One hour credit each quarter, Sauer, Madsen.
- 1, 2, 3d-p. Drums and Tympani.** Autumn, Winter,
Spring. One hour credit each quarter. Sauer.
- 1, 2, 3f-p. Flute.** Autumn, Winter, Spring. One hour
credit each quarter. Nelson.
- 11, 12, 13f-p. French Horn.** Autumn, Winter, Spring.
One hour credit each quarter. Sauer.
- 1, 2, 3o-p. Oboe.** Autumn, Winter, Spring. One hour
credit each quarter. Sauer.
- 11, 12, 13o-p. Organ.** Autumn, Winter, Spring. One
hour credit each quarter. De Jong.
- 1, 2, 3; 4, 5, 6s-p. Saxophone.** Autumn, Winter, Spring.
One hour credit each quarter. Sauer.
- 11, 12, 13s-p. String Bass.** Autumn, Winter, Spring.
One hour credit each quarter. Sauer.
- 1, 2, 3; 4, 5, 6t-p. Trombone.** Autumn, Winter, Spring.
One hour credit each quarter. Sauer.
- 11, 12, 13v-p. Viola.** Autumn, Winter, Spring. One hour
credit each quarter. Robertson.
- 21, 22, 23; 24, 25, 26v-p. Violoncello.** Autumn, Winter,
Spring. One hour credit each quarter. Buggert.

Upper Division Courses

- 51, 52, 53; 54, 55, 56. Concert Band.** Autumn, Winter,
Spring. Daily. One hour credit each quarter. Sauer.
Admission by consent of the director. Standard
overtures, operatic selections, and miscellaneous mil-
itary band music.

- 57, 58, 59; 60, 61, 62. Symphony Orchestra.** Autumn,

Winter, Spring. Daily. One hour credit each quarter. Robertson.

Admission by consent of director. Study of selections, overtures, symphonies, and accompaniments.

51, 52, 53; 54, 55, 56p-p. Piano. Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy.

63, 64, 65; 66, 67, 68. String Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Robertson.

69, 70, 71; 72, 73, 74. Band Ensemble. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Sauer.

51, 52, 53; 54, 55, 56v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson.

51, 52, 53; 54, 55, 56c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter. Sauer, Madsen.

61, 62, 63; 64, 65, 66o-p. Organ. Autumn, Winter, Spring. De Jong.

63p-p. Piano Pedagogy. Spring. One hour credit. Nelson.

Prerequisite: 10p-p. Methods and problems of piano teaching in the higher grades.

51, 52, 53t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

71, 72, 73; 74, 75, 76v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Graduate Courses

101, 102, 103-p. Instrumental. Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction on any of the standard instruments.

VOCAL MUSIC

Lower Division Courses

1, 2, 3; 4, 5, 6-p. **Vocal Culture.** Private or in groups. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Packard.

13, 14, 15; 16, 17, 18. **Ladies Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.

Open to inexperienced singers. This course also provides participation in Mixed Chorus.

13, 14, 15; 16, 17, 18. **Male Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Open to inexperienced singers. This course also provides participation in Mixed Chorus.

42. **Phonetics.** Autumn. T. Th., 1:30. Two hours credit. De Jong.

(See Phonetics 42 in Department of Modern and Classical Languages.)

Upper Division Courses

51, 52, 53; 54, 55, 56-p. **Vocal Culture.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Packard.

63, 64, 65; 66, 67, 68. **Ladies Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

63, 64, 65; 66, 67, 68. **Male Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

Graduate Courses

111, 112, 113-p. **Vocal Culture.** Autumn, Winter, Spring. One hour credit each quarter.

PHYSICAL EDUCATION

Professor Romney, Dr. Cullimore, Dr. Oaks, Dr. Merrill; Assistant Professors Hart, Jeppson; Mr. Dixon, Mrs. Aline Coleman Smith, Miss Ballif.

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous activity in the form of games, gymnastics and competitive athletics are offered. Instruction is given in personal hygiene in connection with the exercise period so that the students may have a theoretical basis as a guide to correct living.

A thorough physical and medical examination will be given each new student upon entering the institution. All freshmen are required to take one credit hour of physical education of the physical activity variety in each of the three quarters. Also all students are required to take Physical Education 1 during their freshman year.

Upper classmen who are not taking physical education for credit are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

All students whether enrolled in regular classes in physical education or on regular athletic squads are invited and urged to use the physical training and athletic facilities of the institution whenever they are available.

An extensive program of intramural sports for both men and women is sponsored and supervised by the department.

Students interested in intercollegiate athletic competition in any form will be given opportunity to try out for the athletic teams representing the University and in case they display sufficient ability to be chosen as members of these teams, they may substitute this work for the required activity courses in physical education.

The department also offers professional courses which are designed to prepare teachers and directors in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Students interested in play and recreation are referred to the following courses: Physical Education 7, 8, 9, 14, 15, 17, 18, 19, 21, 22, 24, 25, 26, 31, 42, 54, 71, 72, 73 and Religious Education 74, 75, 76.

Students interested in health education work are referred to Physical Education 1 (Personal Hygiene); 91 (General Kinesiology); 95 (First Aid in Athletic Training); Zoology 58 (Health Education for Teachers); Zoology 65 (Human Physiology); Foods and Nutrition 5 (Elementary Nutrition); Foods and Nutrition 53, 54, 55 (Nutrition, Dietetics, and Nutrition in Disease).

Major and Minor Requirements in Physical Education

Both men and women students majoring or minoring in Physical Education are required to take the following foundational courses:

Chemistry 1 or 4, Zoology 11 or 65, Psychology 11, 21, or 74, Botany (Bacteriology) 21, Sociology 11 or 61, Physics 11, and for those who wish to qualify for a teacher's certificate such courses in secondary education as will satisfy the State Board of Education.

In addition to the foregoing the following courses in the department of Physical Education are required:

In the Men's Department:

Major requirements:

Physical Education 7, 8, 9

Physical Education 51, 52, 53

Physical Education 71 or 72 or 73

Physical Education 90, 91, 92

Physical Education 93, 95, 96.

Minor requirements:

Physical Education 7, 8, 9

Physical Education 51 or 52 or 53

Physical Education 71 or 72 or 73

Physical Education 90, 91, 92, 93.

In the Women's Department:

Major requirements:

Physical Education 7, 8, 9

Physical Education 54 or 55, 56
Physical Education 61, 62 or 63, 65
Physical Education 71 or 72 or 73
Physical Education 81 or 82 or 83
Physical Education 90, 91, 92
Physical Education 93, 95, 96.

Minor requirements:

Physical Education 7, 8, 9
Physical Education 41, 42
Physical Education 54 or 55
Physical Education 61, 73, 81
Physical Education 90, 91, 93

Lower Division Courses

1. **Personal Hygiene.** Autumn, Winter or Spring. M. W., 1:30. One hour credit. Cullimore, Oaks, Merrill.

This course is required of all freshmen students. The course is designed to present in a popular manner problems concerning personal hygiene and proper health habits.

- 4, 5, 6. **Elementary Physical Education.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Women's sections at 10:30, 2:30. Men's sections 9:30 (Autumn and Spring, Tumbling): 10:30; 1:30 (Boxing); 2:30; 3:30.

This course is designed for freshmen. It will include games, and a variety of athletic and gymnastic activities.

- 7, 8, 9. **Advanced Physical Education.** Autumn, Winter, Spring. One hour credit each term. For men and women. Men's section. T. Th., 2:30 to 4:00. Hart. Women's section. T. Th., 4:30 to 6:00. Jeppson. Prerequisite: 4 hours credit in freshman physical education.

This course will embrace instruction in more advanced types of physical education activities including gymnastics, apparatus activity, tumbling, pyramids, stunts, marching tactics and games.

- 14. Archery.** Autumn. M. W. F., 9:30. 1 hour credit.
For men and women. Ballif.
Emphasis will be placed on the following: equipment, technique, and methods.
- 15. Tumbling.** Autumn, Winter, Spring. M. W. F., 9:30.
One hour credit. For men. Hart.
- 15 Tumbling, Pyramid Building, and Stunts.** Winter. M. W. F., 9:30. One hour credit. For women. Ballif.
Emphasis will be placed on the selection and care of equipment, technique of tumbling, balancing, pyramiding and demonstration programs.
- 16. Track and Field for Women.** Spring. M. W. F. One hour credit, 9:30. Jeppson.
- 17. Boxing.** Autumn, Winter, Spring. M. W. F., 1:30.
One hour credit.
This course will consist of the theory and practice
- 18. Wrestling.** Fall, Winter. M. W. F., 4:30. One hour credit.
This course will consist of the theory and practice of wrestling.
- 19. Tennis.** (Men and Women.) Spring. M. W. F. Men, 9:30; Women, 8:30. One hour credit. Dixon and Ballif.
This course will consist of the theory and practice of tennis. Limited to number of students the courts will accommodate.
- 21, 22. Development Activities for Elementary Teachers.** Winter, Spring. T. Th., 3:30. One hour credit each quarter. Jeppson. Especially designed for those preparing to teach in the elementary grades.
Emphasis will be given to Danish gymnastics, games, folk dancing, and rhythmical expressions. of boxing.
- 23. Basketball for Women.** Winter. M. W. F., 1:30. Jeppson.
A general course in basketball for women.

24. **Fencing.** Spring, 4:30. Three periods each week. One hour credit. Open to both men and women. (Not given this year.)

25. **Social Dancing.** Autumn, Winter. T. Th., 4:30 to 6:00. 1 hour credit. Open to Freshmen and Sophomore men and women only. Jeppson.

26, 27, 28. **Elementary Clog and Tap Dancing.** Autumn, Winter, Spring. T. Th., 9:30. One hour credit. Jeppson.

Suggested for women majoring or minoring in Physical Education.

31, 32, 33. **Elementary Creative Dancing.** Autumn, Winter, Spring. T. Th., 2:30. One hour credit each quarter. Smith.

Suggested for women majoring or minoring in Physical Education. This course will offer instruction in the fundamentals of grace and rhythm.

41. **Rhythms, Character and National Dancing.** Autumn. T. Th., 3:30. One hour credit. Smith.

Suggested for women majoring or minoring in Physical Education.

Fundamental rhythms, various character and national dances.

42. **Folk Dancing and Country Dances.** Winter. T. Th., 1:30. One hour credit. Jeppson, Smith.

This course will offer instruction in the various folk dances and country dances: Virginia Reel, Boston Fancy, etc.

Upper Division Courses

51. **Athletic Coaching and Directing—Football.** Autumn. Four periods each week. 2:30. Three hours credit. Romney.

This course is designed to prepare students for the coaching of football. It will deal with the fundamentals of the game, methods of working out plays,

systems of offense and defense, the conditioning of teams, etc.

- 52. Athletic Coaching and Directing—Basketball.** Winter. Four periods each week. 2:30. Three hours credit. Romney.

This course is designed to prepare for the coaching of basketball. Students will be thoroughly instructed in fundamentals, offensive and defensive systems, schedule making, etc.

- 53. Athletic Coaching and Directing—Track and Field.** Spring. Four periods a week. 2:30. Three hours credit. Romney.

This course will deal with the technique of track and field athletics and with the management of meets.

- 54. Athletics Coaching and Directing—Soccer, Field Hockey, Speedball and High-Low Ball.** Autumn. M. W. F., 4:30. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with methods, conducting of tournaments, and officiating.

- 55. Athletic Coaching and Directing—Basketball, Volley Ball, Field Ball.** Winter. M. W. F. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with methods, conducting of tournaments and officiating.

- 56. Athletic Coaching and Directing—Track and Field, Baseball, Badminton.** Spring. M. W. F. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with fundamentals, methods of conducting meets, games and tournaments, and officiating.

- 61, 62, 63. Advanced Creative Dancing.** Autumn, Winter, Spring. T. Th., 8:30. One hour credit each quarter. Smith.

This course will offer instruction in fundamental dance technique, music visualization and principles of composition.

64. **Material Summary (Dancing).** Winter. T. Th., 5:30. One hour credit. Jeppson and Smith. Prerequisites: 41, 42, 61, 62, 81.

65. **Problems of the Dance in Physical Education.** Spring. T. Th., 5:30. Two hours credit. Smith.

Public performance, including staging, lighting, costume design, etc.; appreciation of music in the dance; dance composition, themes, etc.; methods of teaching; history, etc.

71. **Theory of Organized Play.** Autumn. M. W. F., 8:30. Three hours credit. Jeppson.

The theory of organized play, including community centers, special activities, home recreation; play facilities such as layout of athletic fields, buildings, swimming pools; equipping the grounds and centers.

72. **Organization and Administration of Play and Recreation.** Winter. M. W. F., 8:30. Three hours credit. Jeppson.

The executive and administrative problems arising out of the conducting of a community-wide recreation program. Emphasis on park recreation problems, recreational finance, publicity problems, etc.

73. **Play and Game Supervision.** Spring. M. W. F., 8:30. Three hours credit. Jeppson.

A continuation of course 72.

- 81, 82, 83. **Advanced Clog and Tap Dancing.** Autumn, Winter, Spring. T. Th., 10:30. One hour credit each term. Jeppson.

81 and 82 will include a study of the various phases of tap dancing, fundamental steps, routines in order of difficulty, buck, jig, waltz, soft shoe, etc.; 83 will emphasize creative work by students.

90. **Principles of Physical Education.** Winter. M. W. F.,

8:30. Three hours credit. Hart. Prerequisite: Zoology 65.

This course deals with underlying principles of physical education.

- 91. General Kinesiology.** Autumn. M. W. F., 8:30. Three hours credit. Dixon. Prerequisite: Zoology 65.

The anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Athletic exercises will be studied with reference to their effect upon the body.

- 92. Methods of Teaching Physical Education.** Autumn. T. Th., 8:30. Two hours credit. Hart. Prerequisites: Physical Education 90 and 91. (See Secondary Teaching 66.)

A study of various systems and methods of teaching physical education; content of the program in physical education, methods of commanding, directing, etc.

- 93. Physical Education Administration.** Spring. M. W. F., 1:30. Three hours credit. Jeppson.

Organization and administration of departments of physical education and athletics in high school and college and the proper balancing of various activities associated with these departments. Prerequisites: Physical Education 72, 90, 92.

- 94. Introduction to Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.

This course reviews the history of tests in physical education and also gives much consideration to the essential procedures used in evaluating tests and their results.

- 95. First Aid in Athletic Training.** Autumn. M. W. F., 9:30. Two hours credit. Hart. Prerequisite: Zoology 65.

This course will consider the principles of first aid treatment of athletic injuries, massage, physiotherapy, bandaging and the essentials of conditioning athletes.

- 96. Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 9:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Zoology 65, Physical Education 91.

The variations of posture, the mechanics of balancing of the forces in the body, psychology of individual gymnastics, methods of stimulating interest in posture, and the selection and scope of corrective activities.

Graduate Courses

- 165. Problems in the Dance in Physical Education.** Spring. T. Th., 5:30. Smith.
- 171. Theory of Organized Play.** Autumn. M. W. F., 8:30. Three hours credit. Jeppson.
- 172. Organization and Administration of Play and Recreation.** Winter. M. W. F., 8:30. Three hours credit. Jeppson.
- 173. Play and Game Supervision.** Spring. M. W. F., 8:30. Three hours credit. Jeppson.
- 190. Principles of Physical Education.** Winter. M. W. F., 8:30. Three hours credit. Hart. Prerequisites: Psychology 11 and Zoology 11 and 65.
- 193. Physical Education Administration.** Autumn. M. W. F., 1:30. Three hours credit. Jeppson.
- 194. Introduction to Achievement Tests in Physical Education.** Winter. M. W. F., 10:30. Three hours credit. Hart.
- 196. Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 10:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Psychology 11, Zoology 65, Physical Education 91.
- 200. Research in Physical Education.** Time and credit to be arranged. Jeppson and Hart.

PHYSICS

*Professors Eyring, Marshall; Associate Professor Hales;
Mr. Peterson.*

Students who expect to study Medicine, Engineering, Chemistry, or who are planning to major in the Department of Physics should begin their study of Physics by electing courses 41, 42 and 43 .

Non-science students may elect with profit courses 11, 16 and 26, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation of his physical environment.

Students majoring in Physics have the following courses prescribed: Physics 41, 42, 43, 90, 91, 92, and some sequences such as Physics 73, 74, 75, 81, 82, 83, or 55, 66, 67, 81, 82, 83, or 55, 66, 67, 73, 74 ,75. In addition course 99 should be elected by students who plan to be high school teachers.

Lower Division Courses

11. A Survey Course in Physics. Autumn and Winter. M. T. W. Th., 10:30. Four hours credit. Eyring.

This is an orientation course designed for the non-science student who seeks information concerning the scientific interpretation of his physical environment.

16. Descriptive Astronomy. Spring. M. T. W. Th., 10:30. Four hours credit. Hales.

This course is designed for those wishing a general knowledge of the facts, theories, and methods of astronomy. Frequent use will be made of the University Observatory on University Hill.

26. Photography. Spring. Lecture, T. Th., 7:30. Laboratory time to be arranged. Three hours credit. Hales.

Lectures on the theory and art of photography; laboratory exercises in photographic manipulation, determination of the characteristics of photographic materials, color sensitivity, etc.

41. **General Physics. Mechanics and Sound.** Autumn. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30-3:30. Five hours credit. Hales.

Courses 41, 42 and 43 constitute a general college course in physics. This general course will satisfy the requirements in physics for engineering and medical students, and it is a prerequisite for all the specialized courses in physics.

42. **Electricity.** Winter. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30 to 3:30. Five hours credit. Hales.

Continuation of 41.

43. **Heat and Light.** Spring. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. Five hours credit.

Continuation of 42.

Upper Division Courses

55. **Atomic Physics.** Autumn. Lecture, M. T. Th. Fri., 8:30. Laboratory W., 8:30. Five hours credit. Hales.

A study of the structure of the atom as revealed by X-rays, radio activity, spectroscopy, and related subjects.

- 66, 67. **Electricity and Magnetism.** Winter, Spring. Lecture, T. Th. Fri., 2:30. Laboratory M. W., 2:30. Five hours credit each quarter. Marshall.

A study of electronics, the vacuum tube, and D. C. and A. C. circuit theory and measurements.

73. **Meteorology.** Autumn. Lecture M. T. Th. Fri. Laboratory W. Five hours credit. Hales. (Not given this year)

The physics of the earth's atmosphere; a study of the causes which produce variations in the pressure, temperature, and humidity of the air and their influence upon weather and climate.

74. **Sound.** Winter. Lecture, M. T. Th. Fri. Laboratory W. Five hours credit. Eyring. (Not given this year.)

Speech, hearing, sound transmission and radiation, and acoustics of auditoriums.

- 75. Experimental Optics.** Spring. Lecture, M. W. F., 9:30. Laboratory: Time to be arranged. Five hours credit. Marshall. (Not given this year.)

During the first part of the course experiments outlined in Taylor's Manual of Optics will be performed, and during the last special work in the echelon and concave grating will be given.

- 81. Mechanics.** Autumn. M. W. F., 10:30. Three hours credit. Marshall.

Fundamental principles of mechanics and their application to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

- 82. Dynamics.** Winter. M. W. F., 10:30. Three hours credit. Marshall.

The application of d'Alembert's principle, generalized coordinates, the Lagrangian and canonical equations, Hamilton's principle, etc. Prerequisites: Physics 81 and Differential Equations.

- 83. Thermodynamics.** Spring. M. W. F., 10:30. Three hours credit. Marshall.

A study of the laws of thermodynamics and their application to numerous physical and chemical phenomena.

- 87. Laboratory Arts.** Autumn, Winter or Spring. T. Th., 3:30-6:30. Two hours credit. Marshall and Hales. (Not given this year.)

Glass blowing, frilling, grinding and polishing; hard and soft soldering; silvering glass; and other processes connected with the construction and use of apparatus in physical laboratory.

- 90, 91, 92. Seminar.** Autumn, Winter, Spring. One hour credit each quarter. Time to be arranged. Eyring, Marshall, Hales.

A survey of physical theories and topics in modern

research. A course for seniors in which the student is aided to integrate the specialized courses.

- 95. Readings in Modern Physics.** Credit 1 to 3 hours, depending on the work done. Eyring, Marshall, or Hales.

A reading course designed to acquaint the student with new material which may not have been included in the regular courses.

- 99. Teaching of Physics.** Autumn. M. W., 3:30. Two hours credit. Peterson.

Graduate Courses

- 101, 102, 103. Introduction to Modern Physics.** Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Eyring.

A study of modern physics, including such topics as quantum theory, spectroscopy, and atomic structure, etc.

- 105, 106, 107. Introduction to Theoretical Physics.** Autumn, Winter, Spring. Daily, 10:30. Five hours credit each quarter. Hales.

An introductory study of the mathematical basis and development of the fundamental laws and theories of physics.

- 110, 111, 112. Classical Experiments.** Each course two hours credit. Eyring, Marshall, Hales.

- 190, 191, 192. Seminar.** Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Eyring, Marshall, Hales.

- 195. Readings in Modern Physics.** Credit, one to three hours, depending upon amount of work done. Eyring, Marshall and Hales.

- 200. Thesis in Physics.** Credit to be arranged.

POLITICAL SCIENCE

Professor Jensen.

Requirements for a Major in Political Science: Students must present a minimum of fifteen hours of upper division credit in Political Science. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. **A Survey Course in Political Science.** Autumn. Daily, 10:30. Five hours credit. Jensen.

A comparative study of the origin and development of government, its forms and organization, problems of administration and popular control, international relations and world politics.

10. **National Government of the United States.** Winter. M. W. F., 10:30. Three hours credit. Jensen.

The historical development of the American Government; origin and growth of the Constitution; constitutional rights of the citizens; a detailed study of the executive, legislative, and judicial department of the national government.

11. **State and Local Government in the United States.** Spring. M. W. F., 10:30. Three hours credit. Jensen.

The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative, and judicial branches of state government.

21. **Problems of Citizenship.** Winter. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

A study of fundamental, political, social, economic, and international problems which make for intelligent citizenship

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 21.)

Fundamental legal principles and institutions; the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property.

44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 22.)

A study of law governing Negotiable Instruments; rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barter, and bailments.

45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 23.)

A study of the law governing relationships arising out of business associations; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts.

Upper Division Courses

50. **Principles of Political Science.** Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A systematic study of the principles of political science; the scope and methods of political theory; the origin, basis and nature of the state; sovereignty; the structure and province of government; citizenship and nationality.

51. **European Political Philosophy.** Spring. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

A survey of political thought from the time of the ancients to the present with emphasis given to modern and contemporary political theory.

53. **History of American Political Thought.** Winter. T. Th., 9:30. Two hours credit. Jensen.

A study and interpretation of American political ideas from the colonial period to the present with an

examination of their influence in the development of American history and government.

- 63. Municipal Government.** Spring. M. W. F., 9:30. Three hours credit. Jensen.

A study of municipal growth and development in the United States and in some of the principal European countries. Attention is given to municipal structure, organization, and administration.

- 73. Comparative European Governments.** Autumn. M. W. F., 9:30. Three hours credit. Jensen.

A study of the organization and operation of the governments of England, France, Italy, Germany, and Russia. Attention is also given to some of the new European governments.

- 77. Political Parties and Party Government.** Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the organization and methods of action of political parties in the United States; the development of the party system; the party system in leading European countries.

- 80. International Law.** Winter. M. W. F., 9:30. Three hours credit. Jensen.

A study of the sources, principles, and sanctions of international law; the law of peace, war, and neutrality. Problems growing out of the World War and the resulting modifications of international law.

- 82. History of American Foreign Policy.** Winter. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement.

- 83. International Relations.** Autumn. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the major contemporaneous problems

and developments in the field of international relations.

- 85. International Organization and Government.** Spring. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

The rise and development of international government; diplomatic intercourse of states; international executive administrative, legislative and judicial functions, agencies of international intercourse and cooperation.

- 90. The Constitution of the United States.** Spring. T. Th., 9:30. Two hours credit. Jensen.

A course dealing with the history and development of the Constitution of the United States, a study of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

Graduate Courses

- 150. Principles and Problems of Political Science.**
151. European Political Philosophy.
153. American Political Theories.
163. Municipal Problems.
174. English Government and Politics.
175. The British Commonwealth of Nations.
177. Political Party Systems in the United States and in European Countries.
180. International Law as Administered by the Courts.
181. The Conduct of American Foreign Relations.
182. History and Problems of American Foreign Policy.
183. International Relations and World Politics.
191. Constitutional Law of the United States.
193. Public Administration.
198. Research in Political Science.
200. Research for Master's Thesis.

PSYCHOLOGY

Professor Poulson; Assistant Professor Dusenberry.

Suggestions as to Courses. Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of psychology. The courses especially recommended to follow it are:

General Cultural Interests: Psychology 64, 65, 70, 71, 72, 79, 101, 102, 103, 104 and 105.

Home-making Interests: Psychology 70, 71, 72 and 79.

Business Interests: Psychology 64, 65, 70, 75 and 105.

Educational Interests: Psychology 65, 70, 71, 72, 74, 75, 79 and 200. For fulfilling State Board requirements, Psychology 21 is intended for prospective elementary school teachers and Psychology 74 for junior and senior high school teachers. Other courses in this department may be used as electives for state certification.

Psychology Major: Credit must include Experimental Psychology and not less than nine quarter hours selected from Psychology 70, 75, 79, 101, 102, 103, and seminar courses in Psychology. Prospective "school psychologists" should aim to meet the major requirements as nearly as possible.

Lower Division Courses

11. General Psychology. Autumn. Daily, 8:30. Winter. Daily, 9:30. Spring. Daily, 10:30. Five hours credit. Poulson.

An introductory study of mental activity covering in a general way the whole field of modern psychology. Approximately one-fifth of the course will consist of simple laboratory experiments.

21. Educational Psychology. Autumn, Winter or Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

Individual differences, native endowment, habit formation, economy, and technique of learning. The thought process, personality problems. Applications are made to problems of teaching and learning.

- 25. Psychology of Effective Study.** Autumn. T., 9:30. Winter. T., 8:30. Spring. T., 9:30. One hour credit. Poulson.

A simple course in applied psychology designed especially to help freshmen who desire to improve their habits of study.

Upper Division Courses

- 64. Applied Psychology.** Autumn. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11 or 21

Survey of the applications of scientific psychology in advertising, personal selling, industry, medicine, law, music, speech, writing, art, and athletics. Each student will stress his major interests.

- 65. Experimental Psychology.** Winter. Lecture, Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson. Prerequisite: The consent of the instructor.

Selected readings and laboratory work in experimental psychology to show how scientific technique is applied in the study of mental activity. Presentation of data in tabular and graphic form.

- 70. Social Psychology.** Autumn. M. W. F., 10:30. Three hours credit. Poulson. Prerequisite: Psychology 11 or its equivalent.

A study of mental life as conditioned by the social environment. Nature and development of personality. Educational implications of social psychology.

- 71. Mental Hygiene.** Autumn. T. Th., 11:30. Two hours credit. Poulson. Prerequisite: Psychology 11 or 21.

An introductory course in mental health and personality problems intended for the typical college student. Applications in educational and remedial social work will be indicated.

- 72. Psychology of Childhood and Adolescence.** Winter. T. Th., 11:30. Two hours credit. Poulson. Prerequisite: Psychology 11 or equivalent.

Psychological description of the individual's development from birth to maturity, and theories of mental growth. Practical implications for parents, teachers and social workers.

- 73. Psychology of Religion.** Spring. T. Th., 11:30. Two hours credit. Poulson. Prerequisite: Psychology 11, 70 or 72.

An advanced consideration of important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life.

- 74. Advanced Educational Psychology.** Winter. M. W. Th. F., 8:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson.

A brief consideration of certain important phases of the psychology of secondary education. The laws of economical learning, individual differences, and the psychology of school subjects. Psychology 11 is recommended as an antecedent course.

- 75. Psychological Tests.** Spring. M. W. F., 7:30. Three hours credit. Poulson. Prerequisite: Psychology 11. (Alternates yearly with Psychology 105; not given this year.)

Development and use of psychological tests and scales. Supervised training with the Stanford revision of the Binet scale. Scientific interpretation and application of test results.

- 79. Abnormal Psychology.** Spring. M. W. F., 8:30. Three hours credit. Poulson. Prerequisite: Psychology 11.

A consideration of the psychology of abnormal people with emphasis upon the light thrown on normal psychology and important educational applications.

Graduate Courses

- 101, 102. Advanced General Psychology.** Autumn and Winter. M. W. F., 7:30. Three hours credit each quarter. Poulson. Prerequisites: Psychology 11 and 65

or equivalent. (Alternates yearly with Psychology 103 and 104.)

A careful reconsideration of the general field of modern scientific psychology, and a thorough examination of various difficult topics.

103. History of Psychology. Autumn. M. W. F., 7:30. Three hours credit. Poulson. Prerequisites: Psychology 11 and 65 or equivalent. (Alternates yearly with Psychology 101; Not given this year.)

A consideration of the historical background of present-day psychology with special emphasis upon the developments of the last hundred years.

104. Contemporary Schools of Psychology. Winter. M. W. F., 7:30. Three hours credit. Poulson. Prerequisites: Psychology 11 and 65 or equivalent. (Alternates yearly with Psychology 102; not given this year.)

A critical and comparative study of such contemporary systems and movements as structuralism, functionalism, behaviorism, Gestalt psychology and psychoanalysis.

105. Special Topics in Psychology. Spring. M. W. F., 7:30. Three hours credit. Poulson. Prerequisite: Ten hours of psychology. (Alternates yearly with Psychology 75.)

Intensive seminar consideration of certain topics of special individual or group interest. For this year the Psychology of Speech or Music is suggested.

165. Advanced Experimental Psychology. Winter. Lecture. Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

170. Social Psychology. Autumn. M. W. F., 10:30. Three hours credit. Poulson.

172. Psychology of Childhood and Adolescence. Winter. T. Th., 11:30. Two hours credit. Poulson.

173. Psychology of Religion. Spring. T. Th., 11:30. Two hours credit. Poulson.

175. Psychological Tests. Autumn. M. W. F., 2:30. Three hours credit. Poulson. (Alternates yearly with Psychology 105; not given this year.)

179. Abnormal Psychology. Winter. M. W. F., 10:30. Three hours credit. Poulson.

181, 182, 183. Seminar in Psychology. Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Poulson.

Recent and current literature in theoretical and experimental psychology will be reviewed. Prerequisite: At least ten hours of credit in psychology.

200. Thesis in Psychology. Winter. Conference, T., 2:30. Three to five hours credit. Poulson.

Research work in the preparation of a Master's thesis. Prerequisites: Ten hours of upper division and graduate credit in psychology including Psychology 65 or 165. Also a course in statistical methods.

RELIGIOUS EDUCATION

Professors Wilson, J. C. Swenson, A. N. Merrill, Eyring, Lambert, Martin, Woodward, Snow, Poulson, Nelson, Hansen, Osmond, Miller, Madsen, Pardoe, Reynolds, Larsen; Associate Professors Sudweeks, Hales, Sperry; Assistant Professors W. H. Boyle, Dusenberry, Hart, Jeppson, Ivins, R. Swenson; Mr. Dixon.

Students who wish to specialize for work with pre-adolescent children in the various auxiliary organizations of the Church will be permitted to supplement the regular courses of the department for a major in Religious Education from the following: Elementary Education 1, 16, 20, and 60; Psychology 70 and 79. Courses especially recommended for these students are Religious Education 16, 17 and 18, Elementary Education 1 and Psychology 79.

Students wishing to specialize for work with adolescents and adults in church service may include in their Religious Education major courses selected from the following: Educational Administration 75, Philosophy of Education 88, 89, Psychology 72, 79. Secondary Education 54, and Sociology 65. Courses especially recommended for these students are Religious Education 74, 75, 76, 77, 78, 79, 81, 82, 83, 86, 92 and 93, Psychology 73, and Secondary Education 54.

Lower Division Courses

1. **Problems of Religious and Ethical Life.** Autumn. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Secs. 3, 4, 11:30; Sec. 5, 2:30. Two hours credit. Wilson, R. Swenson, Boyle.

The student just entering college is aided in the solution of problems incident to his new environment. The general significance and meaning of religion and morals, their origin and their interrelation.

2. **Problems of Religious and Ethical Life.** Winter. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Secs. 3, 4, 11:30; Sec. 5, 2:30. Two hours credit. Wilson, R. Swenson, Boyle.

A treatment of the practical aspects of religion and mortality, with attention to the cultivation of

those personal virtues that are the foundation of character.

3. **Problems of Religious and Ethical Life.** Spring. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Secs. 3, 4, 11:30; Sec. 5, 2:30. Two hours credit. Wilson. R. Swenson, Boyle.

The individual's ethical relation to others as applied to his activities in cooperation with others. His responsibility in the promotion of ideals and standards. The ethics of citizenship.

4. **Literature of the Bible.** Autumn. T. Th., 11:30. Two hours credit. Reynolds.

A study of the prose forms of the Old Testament from a literary, ethical, historical, and religious point of view. Freshmen will be admitted only with the consent of the instructor.

5. **Literature of the Bible.** Winter. T. Th., 11:30. Two hours credit. Reynolds.

A study of the poetry and wisdom literature of the Old Testament including Job and Isaiah. Freshmen students will be admitted only by consent of the instructor.

6. **Literature of the Bible.** Spring. T. Th., 11:30. Two hours credit. Reynolds.

A study of the literary forms of the New Testament. Parts of all the books will be considered. Freshmen students will be admitted only by the consent of the instructor.

- 10, 11, 12. **Principles of Religious Conduct.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. A. N. Merrill, Hales, Larsen.

The fundamental theological and ethical principles governing Christian conduct. The contribution of the church to right living. The value and significance of religious experience.

14. **Genealogy.** Autumn, Spring. T. Th., 11:30. Two hours credit. Sudweeks.

The place of genealogy in the plan of salvation, our responsibility to our dead ancestors, genealogical research, the pedigree, the family record, temple sheets, and temple ordinances.

- 19, 20, 21. Doctrine and Missionary Method.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Ivins.

A course designed especially for prospective missionaries. A review of the history of religious propaganda, a detailed study of methods employed in preaching the doctrines of the Church.

- 22, 23, 24. Hymnology and Music Directorship.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Madsen.

Study of the historical, doctrinal, prophetic, poetic, and esthetical content of songs and hymns of the Latter-day Saints.

- 25. Christianity and Christian Religions.** Autumn. T. Th., 11:30. Two hours credit. R. Swenson.

Judaism as a forerunner and herald of Christianity. Israelitish faith and prophecy will receive attention, and the culmination of progressive, spiritual Judaism in Christianity will be stressed.

- 26. Christianity and Christian Religions.** Winter. T. Th., 11:30. Two hours credit. R. Swenson.

A study of important Christian religions of the present day. The origin and history of each will be considered as a background for a careful analysis of the principles of the modern Christian churches.

- 27. Christianity and Christian Religions.** Spring. T. Th., 11:30. Two hours credit. R. Swenson.

A study of present tendencies among Christian churches. Fundamentalism and Modernism as cross sections of various denominations will be analyzed. The relationship of modern science to Christianity.

Upper Division Courses

- 51. Manners and Customs of the Hebrews.** Autumn. T. Th., 11:30. Two hours credit. Sperry.

The traditions, customs and modes of thought of the ancient Hebrews. The literature of the Bible cannot be fully understood without a knowledge of the customs of the people that produced it.

- 52. Hebrew Archaeology.** Winter. T. Th., 11:30. Two hours credit. Sperry.

A study of the results of exploration and excavation in Bible lands with special reference to the Hebrew people.

- 53. Modern Religious Problems.** Spring. T. Th., 11:30. Two hours credit. Sperry.

This course will deal with special problems such as the criticism of the Pentateuch, the criticism of the Book of Isaiah, and other problems of religious interest.

- 54, 55. Life and Teachings of Christ.** Autumn. T. Th., 11:30. Two hours credit each quarter. J. C. Swenson.

A study of life and teachings of Jesus as revealed in the New Testament.

- 56. Life and Teachings of Paul and Other Apostles.** Spring. T. Th., 11:30. Two hours credit. J. C. Swenson.

The course, in addition to a study of the journeys and missions of Paul, will include a study of some of the Epistles.

- 57. Philosophy and Life.** Autumn. T. Th., 11:30. Two hours credit. Osmond.

A discussion of the fundamental principles of philosophy, science, and religion and their interrelations.

- 58. Philosophy and Life.** Winter. T. Th. Two hours credit. Osmond.

A comparative study of natural and revealed religion. The seven fundamental natures of man, the

negative and positive conditions of happiness, pleasure, joy, and tragedy of life.

- 59. Philosophy and Life.** Spring. T. Th., 11:30. Two hours credit. Osmond.

This course is devoted to a study of the elements and agencies of redemption, the spiritual life, good and evil, the truth, the fine art of living, and the philosophy of conflict.

- 60, 61, 62. Literature of the New Testament.** Autumn, Winter, Spring. 8:30. Two hours credit each quarter. R. Swenson.

An analysis of the New Testament books in relation to the situations in the early Christian Church which brought them forth; their relationship to the literary, social, and religious aspects of the Hellenistic and Jewish culture.

- 63, 64, 65. History of the Christian Church.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. R. Swenson.

A brief study of the oriental and classic culture and philosophy out of which emerged the Christian Church under the Teachings of Christ, Paul, the Church Fathers and the Clergy both lay and clerical.

- 66, 67, 68. Old Testament History.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Martin.

Historical survey of Israel and a study of their social, ethical and religious ideas and ideals. An attempt will be made to show how the problems of Bible times are similar to those of today.

- 69. History of Religion in the United States.** Autumn or Winter. T. Th., 9:30. Two hours credit. Christen Jensen.

- 71. Mental Hygiene.** Autumn. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 71.)

- 72. Psychology of Childhood and Adolescence.** Winter.

T. Th., 11:30. Two hours credit. Poulson. (See Psychology 72.)

73. Psychology of Religion. Spring. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 73.)

74. Leadership in Recreation. Autumn. T. Th., 11:30. Two hours credit. Jeppson.

This course is given to meet the needs of the community, church and school recreational leaders. Open to Seniors only except by permission.

75. Leadership in Recreation. Winter. T. Th., 11:30. Two hours credit. Jeppson.

The organizing and administrating of special balanced programs in the various phases of recreation, including theme parties and home recreation. Open to Seniors only except by permission.

76. Leadership in Recreation. Spring. T. Th., 11:30. Two hours credit. Jeppson.

Discussion of and practice in the phases of a recreational field will be studied and workable plans compiled. Students will have opportunity for group leadership within the class. Open to Seniors only except by permission.

77. Scout Leadership. Autumn. T. Th., 11:30. Two hours credit.

A course designed especially for scoutmasters and prospective scout leaders.

78. Scout Leadership. Winter. T. Th., 11:30. Two hours credit.

Organization of a Scout troop and its relationship to the Local Council and the National Council; troop management and the patrol system; the psychology of the Boy Scout; scout stories and games.

79. Scout Leadership. Spring. T. Th., 11:30. Two hours credit.

Signs, symbols, and signaling; pathfinding and mapmaking; trees, flowers, birds, common wild ani-

mals, and stars are the subjects to be studied in the class room and while on short hikes.

81. Philosophic Ethics. Autumn. T. Th., 11:30. Two hours credit. Woodward. (See Philosophy of Education 86.)

82. Ethics as Applied to Individual Development. Winter. T. Th., 11:30. Two hours credit. Woodward. (See Philosophy of Education 87.)

83. The Message of the World's Great Teachers. Spring. T. Th., 11:30. Two hours credit. Woodward. (See Philosophy of Education 88.)

84. Religion and Life. Autumn. T. Th., 11:30. Two hours credit. Lambert.

Basic concepts set forth in the Doctrine and Covenants together with a consideration of how these concepts may assist in building a happy life. The course is conducted on a seminar basis.

85. Religion and Life. Winter. T. Th., 11:30. Two hours credit. Lambert.

Historical and social backgrounds into which various sections of the Doctrine and Covenants came. The needs which the various revelations met as they were given. The course is conducted on a seminar basis.

87, 88, 89. Rationality of Religion. Autumn, Winter and Spring. T. Th., 11:30. Two hours credit each quarter. Wilson.

Religion as life in its relationship to philosophy; the concept of truth, how arrived at; the concept of God, His relations to man, and His plan for man's redemption. Jesus Christ and His relation to the plan.

90. Personality Problems in Child Development. Autumn. T. Th., 11:30. Two hours credit. Dusenberry.

The emotional, social and moral phases of child development. The hereditary and environmental influences affecting the character and religious development of the child.

- 91. Personality Problems in Child Development.** Winter, T. Th., 11:30. Two hours credit. Dusenberry.

The diagnosis of behavior difficulties and the remedial technique employed in handling various types of problems. Emphasis on character and religion.

- 92. Personality Problems in Child Development.** Spring. T. Th., 11:30. Two hours credit. Dusenberry.

Contributions of mental hygiene to character and religious education. (See Elementary Education 90, 91, 92.)

- 94. Man and His Relationship to the Universe.** Autumn. T. Th., 11:30. Two hours credit. Hansen.

Anthropology. A series of lectures covering the speculations as to the origin of man in the Old and New World, and prehistoric man's contribution to the historic world of religion.

- 95. Man and His Relationship to the Universe.** Winter. T. Th., 11:30. Two hours credit. Snow.

A general perspective of the important religions of the world. Among those considered are: Religions of the people of Babylonia and Assyria, Egypt, China, Japan, Greece, Rome, and of the Celts and Teutons; Judaism, Mohammedanism, Zoroastrianism.

- 96. Man and His Relationship to the Universe.** Spring. T. Th., 11:30. Two hours credit. Eyring.

History of science and its relation to religion and to philosophy. A study will be made of the religious and philosophic overbeliefs which have emerged from science as it has been in the making.

Graduate Courses

- 105. Research in Religious Education.** Autumn, Winter, or Spring. Two hours credit. Lambert.

A course in technique of research as applied to problems in religious education and which will provide an opportunity for students to apply acceptable methods of investigation to problems in this field.

- 121, 122, 123. Seminar. Autumn, Winter, Spring. W., 4:30. One hour credit. Wilson.
151. Manners and Customs of the Hebrews. Autumn. T. Th., 11:30. Two hours credit. Sperry.
152. Hebrew Archaeology. Winter. T. Th., 11:30. Two hours credit. Sperry.
153. Old Testament Problems. Spring. T. Th., 11:30. Two hours credit. Sperry.
172. Psychology of Childhood and Adolescence. Winter. T. Th., 11:30. Two hours credit. Poulson.
173. Psychology of Religion. Spring. T. Th., 11:30. Two hours credit. Poulson.
181. Philosophic Ethics. Autumn. T. Th., 11:30. Two hours credit. Woodward.
This course parallels Religious Education 81.
182. Ethics as Applied to Individual Development. Winter. T. Th., 11:30. Two hours credit. Woodward.
This course parallels Religious Education 82.
183. The Message of the World's Great Teachers. Spring. T. Th., 11:30. Two hours credit. Woodward.
This course parallels Religious Education 83.
184. Religion and Life. Autumn. T. Th., 11:30. Two hours credit. Lambert.
This course parallels Religious Education 84 and permits graduate students to do intensive work in the field.
185. Religion and Life. Winter. T. Th., 11:30. Two hours credit. Lambert.
This course parallels Religious Education 85 and permits graduate students to do intensive work in the field.
186. Administration of Private and Parochial Schools and Seminaries. Spring. T. Th., 11:30. Two hours credit.

This course parallels Religious Education 86 and permits graduate students to do intensive work in this field. Students majoring in Educational Administration may obtain credit for this course.

187, 188, 189. Rationality of Religion. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Wilson.

These courses are extensions of courses 87, 88, and 89.

193. Methods in Religious Education. Autumn or Spring. T. Th. Two hours credit. A. N. Merrill.

This course is designed for those who are expecting to qualify for efficient service in directing teacher training, in supervising instruction, and teaching adolescent and adult students.

195. Anthropology. Winter. T. Th., 11:30. Two hours credit. Hansen. (See Sociology 95.)

A continuation of course 94 with special reference to the American Indians.

196. Anthropology Research. Spring. Time and credit to be arranged. Hansen. (See Sociology 96.)

SOCIOLOGY

*Professors Swenson, Woodward, Nelson, Hansen;
Assistant Professor Boyle.*

Courses 11 and 12 are prerequisite to all other courses in Sociology. Upper division students register for these courses as 55 and 56 for upper division credit.

Lower Division Courses

11 or 55. Introduction to the Study of Sociology. Autumn and Winter. Daily, 2:30. Five hours credit each quarter. Swenson.

This course is designed to give the ground work for social study. It presents a general view of social organizations, social forces and a practical working theory of the nature of society.

12 or 56. Social Problems. Spring. M. W. F., 2:30. Three hours credit. Swenson.

This course deals with concrete social problems such as crime, poverty, racial conflicts, etc. Discussions, papers, and assigned readings.

Upper Division Courses

51. Community Organization and Leadership. Spring. M. W. F., 9:30. Three hours credit. Swenson.

Problems of community life and action, and the methods of promoting them through organization and leadership.

52. History and Development of the Mormon Community. Autumn. M. W. F., 10:30. Three hours credit. Nelson.

The evolution of the "village" form of community organization among the Mormons. The social, political, economic, and intellectual characteristics of the early nineteenth century are studied as background material.

53. Rural Sociology. Winter. M. W. F., 10:30. Three hours credit. Nelson.

A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time.

- 61. Educational Sociology.** Autumn. M. W. F., 9:30. Three hours credit. Swenson.

An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction.

- 65. Social Pathology.** Spring. 9:30. Two hours credit. Swenson.

A study of local organizations for social, civic, and philanthropic work.

- 66. Urban Sociology.** Winter. 9:30. Two hours credit. Swenson.

A study of the evolution and problems of urban life, with special emphasis on the economic, ethical, and political influence of cities on modern society.

- 70. Social Control.** Spring. M. W. F., 8:30. Three hours credit. Swenson. (Not given this year.)

A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail.

- 71. Juvenile Sociology.** Autumn. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group.

- 75. The Family.** Spring. M. W. F., 8:30. Three hours credit. Swenson.

A study of the history and development of the family and its place as an institution in the development of our civilization. The course also considers the modern family and its problems.

- 77. Social Case Work.** Autumn and Winter. F., 1:30 to

3:30. Two hours credit. Nelson and members of the General Board of the Relief Society.

Principles and practices of case work with the maladjusted and the dependent. This course is given in cooperation with the General Board of Relief Society.

81. **The History of Social Theory.** Spring. M. W. F., 9:30. Three hours credit. Swenson. (Not given this year)

The course deals with evolution of social theories beginning with Plato and considering the developments through the early Christian Era and also the Medieval and modern social theorists.

85. **Education and Twentieth Century Civilization.** Autumn. M. W. F., 9:30. Three hours credit. Woodward. (See Philosophy of Education 90.)

89. **Social Ethics.** Spring. M. T. W. Th., 10:30. Four hours credit. Woodward (See Philosophy of Education 89.)

90. **Labor Problems.** See Economics 61.

94. **Anthropology.** Autumn. T. Th., 11:30. Two hours credit. Hansen.

An introductory course in the study of the science of man. Treated from the standpoint of his antiquity and development as interpreted from paleontological and archaeological evidence.

95. **American Anthropology.** Winter. T. Th., 11:30. Two hours credit. Hansen. (Not given this year.)

A study of the American Indian and his place among the races of mankind as interpreted from paleontological data.

96. **Cultural Anthropology.** Spring. T. Th. Two hours credit. Nelson. (Not given this year.)

An analysis of the social institutions of primitive people and how those institutions have developed. The meaning and content of culture.

97, 98, 99. Recent Social Trends. Autumn, Winter, Spring. W., 4:30. Two hours credit each quarter. Nelson.

Graduate Courses

101, 102, 103. Research. Time and credit to be arranged. Swenson and Nelson.

Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in the methodology of research in the social science field, and in the presentation of material.

104. Research Methods in Social Science. Spring. M. W. F., 2:30. Three hours credit. Nelson.

The nature of social science; types of approach to and methods of study of social phenomena. Students should have some knowledge of statistical method, or secure consent of the instructor.

151. Community Organization. Spring. M. W. F., 9:30. Three hours credit. Swenson. (See Sociology 51.)

152. History and Development of the Mormon Community. Autumn. T. Th., 11:30. Two hours credit. Nelson.

161. Educational Sociology. Autumn. 9:30. Three hours credit. Swenson.

171. Juvenile Sociology. Autumn. Two hours credit. Boyle.

175. The Family. Spring. Three hours credit. Swenson.

185. Social Organization. Winter. Three hours credit.

189. Social Ethics. Spring. M. T. W. Th., 10:30. Four hours credit. Woodward.

190. Labor Problems. Winter. Three hours credit.

191. Labor Legislation. Spring. Three hours credit.

194. Anthropology. Autumn. Two hours credit. Hansen.

195. **Cultural Anthropology.** Spring. Two hours credit.
Nelson. (Not given this year.)

196. **Research.** Time and credit to be arranged.

197, 198, 199. **Recent Social Trends.** Autumn, Winter,
Spring. M., 4:30. Two hours credit each quarter.
Nelson.

A cross-section of contemporary American civilization. Special attention will be given the reports of the Hoover Commission on Social Trends.

200. **Thesis.**

SPEECH

Professors Pardoe, De Jong, Poulson, Osmond; Mrs. Stewart.

Students majoring in this department are required to furnish two years in a foreign language. They may elect one of the two divisions, Public Speaking or Dramatic Arts. Requirements for Public Speaking are Speech 1, 2, 3, 11, 42, 51, 52, 53, 77 or 78, 84p, and 91. Requirements for Dramatic Arts are 1, 11, 12, 22, 42, 43, 62, 72, 73, 81p, 87p and 91.

It is advisable to register for Physics 11, Psychology 11 and 70, and Art 21.

Lower Division Courses

1. **Principles of Speech.** Autumn. M. W. F., Sec. 1, 1:30; Sec. 2, 9:30. Three hours credit. Pardoe.

The elements of speech, proper carriage, and simple outline of speeches constitute the major portion of this course.

2. **Open Forum Discussion.** Winter. M. W. F., Sec. 1, 1:30; Sec. 2, 9:30. Three hours credit. Pardoe.

Encouragement and practice in extemporaneous speech and application of speech principles. Vocabulary building.

3. ***Speech Analysis.** Spring. M. W. F. Sec. 1, 1:30; Sec. 2, 9:30. Three hours credit. Pardoe.

The study of masterpieces and models of speech composition. Practice in delivery and analysis. Individual needs especially motivated.

11. **Elementary Elocution.** Autumn. T. W. Th. F., Sec. 1, 8:30; Sec. 2, 10:30; Sec. 3, 2:30. Four hours credit. Pardoe, Stewart.

Fundamental principles of speech arts.

12. **Classical Literature.** Winter. T. W. Th. F., Sec. 1, 8:30; Sec. 2, 10:30; Sec. 3, 2:30. Four hours credit. Pardoe, Stewart.

*Classes in speech are divided for best individual attention as registration warrants.

Application of the elements of reading to great scenes of classical literature. Voice and body technique scientifically treated.

13. **Dramatic Monologue.** Spring. M. W. F., Sec. 1, 8:30; Sec. 2, 10:30; Sec. 3, 2:30. Four hours credit. Pardoe, Stewart.

Special attention is given to the dramatic monologue and soliloquy.

21. **Interpretative Literature.** Autumn. M. W. F., 9:30. Three hours credit. Stewart. Courses 11, 12, and 13 are prerequisites.

Character delineation forms a great portion of the work.

22. **Dialogue and Scene Presentation.** Winter. M. W. F., 9:30. Three hours credit. Stewart. Courses 11, 12, 13, prerequisites.

The great scenes from Shakespeare, Dickens, Tennyson, Bulwer-Lytton, Goldsmith, and Sheridan form a basis of the course. Character analysis and presentation.

42. **Practical Phonetics.** Autumn. T. Th., 1:30. Two hours credit. De Jong.

A course prescribed for all majoring in speech. Given to aid students to acquire a better understanding of English and foreign diction. (See Department of Modern and Classical Languages, Phonetics 42.)

43. **Representative Dialect.** Spring. M. W. F., 9:30. Three hours credit. Pardoe. Speech 42 is a prerequisite.

A study of dialect as an element in interpretation.

44. **Representative Dialect.** Spring. M. W. F., 9:30. Three hours credit. Pardoe.

Scotch, Italian and Yiddish alternate each year with Cockney, Negro and class choice. Scotch on even years.

Upper Division Courses

- 51. Advanced Speech Composition.** Autumn. M. W. F., 8:30. Three hours credit. Pardoe.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery.

- 52. Argument and Debate.** Winter. M. W. F., 8:30. Three hours credit. Pardoe. Prerequisite: English 1, 2, 3, or Speech 1 and 2.

A study of the principles of argument followed by a series of debates on current questions. (See English 52.)

- 53. Lecture and Oration.** Spring. M. W. F., 8:30. Three hours credit. Pardoe.

A course designed for students preparing for the mission field, or who desire efficiency in the expression of their major subjects.

- 54. The Dramatic Interpretation of Shakespeare.** Autumn. T. Th., 2:30. Two hours credit. Osmond.

Selected drills and exercises from a number of the greatest plays.

- 55. The Dramatic Interpretation of Shakespeare.** Winter. T. Th., 2:30. Two hours credit. Osmond.

Selected drills and exercises from a number of the great plays.

- 56. The Dramatic Interpretation of Shakespeare.** Spring. T. Th., 3:30. Two hours credit. Osmond.

The dramatic interpretation of whole scenes from some of the great plays.

- 61. Speech Projects.** Autumn. T. Th., 3:30. Two hours credit. Pardoe.

A speech seminar for the study of individual problems.

- 62. Impersonation.** Winter. Daily, 3:30. Five hours credit. Pardoe.

An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation and can qualify in courses 1, 2, 11, 12, 13, and 22 are eligible.

71. **Stage Craft.** Autumn. M. W. F., 2:30. Two hours credit. Two classes and one laboratory period a week. It is suggested that students take Art 21 as a preparation for this course. (Not given this year.)
72. **Play Production.** Autumn. M. W. F., 2:30. Three hours credit. Three classes and one laboratory period per week. Advanced students only. Pardoe. Courses 11, 12, 13, 22, prerequisites.
73. **Acting.** Winter. M. W. F., 2:30. Two hours credit. Two classes and one laboratory period per week. Advanced students only. Pardoe.
77. **History of Dramatic Production.** Autumn. T. Th., 1:30. Two hours credit. Pardoe.
The Egyptian, Grecian and Roman Theatre. A study of the means employed in the theatrical presentations during these periods.
78. **History of Dramatic Production (Medieval.)** Winter. T. Th., 1:30. Two hours credit. Pardoe.
79. **History of Dramatic Production (Elizabethan.)** Spring. T. Th., 1:30. Two hours credit. Pardoe.
- 81-p. **Dramatic Technique.** One hour credit per quarter for each recitation per week. Pardoe, Stewart.
An intensive individual course in advanced interpretation. Time and fee to be arranged with instructor.
- 84-p. **Public Speaking.** One hour credit per quarter for each recitation per week. Pardoe.

An intensive individual course designed for those who desire to concentrate on organization and delivery of the more advanced forms of public speech. Time and fee to be arranged with instructor.

87-p. Voice and Speech Improvement. One hour credit per quarter for each recitation per week. Pardoe, Stewart.

An intensive individual course designed to help the student acquire good speech habits with particular attention to development of a pleasing, well-modulated speaking voice. Time and fee to be arranged.

91. Methods of Teaching Speech. Spring. T. Th., 8:30. Two hours credit. Pardoe.

Organization of high school departments of speech. Selection of materials and methods to be employed in speech teaching. (See Secondary Education 68.)

Graduate Courses

105. Psychology of Speech. Spring. M. W. F., 7:30. Three hours credit. Poulson. (See Psychology 105.)

131. Technique of Play Writing. Winter, Spring. Three hours credit. Pardoe.

132. Technique of Play Writing. Time to be arranged. Three hours credit. Pardoe.

The writing and producing of original plays, with emphasis upon western themes.

143 or 144. Dialect Research. Spring. M. W. F. Laboratory, two hours per week. Three hours credit. Pardoe. Speech 42 prerequisite.

153. Lecture and Oration. Spring. M. W. F., 8:30. Three hours credit. Pardoe.

171. Stage Craft. Autumn. M. W. F., 2:30. Two hours credit. (Not given this year.)

172. Play Production. Autumn. M. W. F., 2:30. Two hours credit. Pardoe.

173. Acting. Winter. M. W. F., 2:30. Two hours credit. Pardoe.

177. History of the Drama (Ancient). Autumn. T. Th. Pardoe.

178. **History of Dramatic Production (the Oriental Medieval Theatre).** Winter. T. Th., 1:30. Two hours credit. Pardoe.
179. **History of Dramatic Production.** Includes the Elizabethan period. Spring. T. Th., 1:30. Two hours credit.
191. **Methods of Teaching Speech.** Spring. T. Th. Two hours credit. Pardoe.
194. **Speech Correction.** T. Th. Time to be arranged. Pardoe. Speech 103 a prerequisite.
200. **Thesis.** Three to five hours credit. Time to be arranged. Pardoe.
- Individual research upon a problem of importance to speech. Ability to conduct experiments necessary. Subject must be submitted for work during three quarters.

ZOOLOGY AND ENTOMOLOGY

*Professor Tanner; Doctors Cullimore, Oaks, Merrill; Mr. Hayward.
Miss Snow.*

Students majoring in this department must complete courses 11, 18, 30, 55, 56, 71, 72, 75, 80, 82 and 94. Substitution of other courses is permitted in special cases. Students are also advised to complete two years of German and French if they contemplate doing advanced work in Zoology or Entomology.

Students who expect to study Medicine may take Zoology for their major subject and complete the courses advised or they may take the following courses: 11, 18, 55, 56, 71 and 72.

Students who desire to teach Biology in the high school should complete the following courses: 11, 30, 55, 56, 58, 65, 69, and 71; Botany 3, 12, and 21.

Facilities for the Study of Zoology and Entomology

The natural history collections consist of a very complete collection of Utah fish, amphibians, reptiles, birds, and mammals. This collection is also supplemented by the Chester Van Buren collection of birds from Magdalena River of Colombia, South America, which consists of over a thousand skins; and the David Starr Jordan collection of fish from the Hawaiian Islands. The entomological collection contains authoritatively named specimens in all the orders of insects. The pinned insects are placed in four hundred trays, 18x19 inches in size, two inches deep. The specimens are pinned in unit boxes. The Lepidoptera collection is a very complete one of Utah and the Great Basin region. It contains over six hundred named species and ten thousand specimens. It is made up of the famous Tom Spalding collection and the Chester Van Buren collection. The Coleoptera collection contains over six thousand determined species and forty thousand specimens. It contains a very complete collection of weevils, the Chas. W. Leng collection of 1100 species, and 300 species from the Blatchley collection.

A well equipped laboratory is maintained at the mouth of Provo River on the east shore of Utah Lake. This provides ample facilities for careful study of this interesting fresh water lake.

ZOOLOGY

Lower Division Courses

11. **General Zoology.** Autumn, Winter, and Spring. T. Th., 10:30. Laboratory. T. Sec. I, 1:30-3:30; Sec. II, 3:30-5:30. Th., Sec. III, 1:30-3:30; Sec. IV, 3:30-5:30; Quiz Section every other Monday, 4:30-5:30. Tanner and Hayward.

Fundamentals of structure, physiology, development, heredity, adaptations, classifications, and bearing of Biology on human life.

18. **Evolution and Genetics.** Winter and Spring. M. W. F., 10:30. Three hours credit. Prerequisite: Zoology or Botany Laboratory course. Tanner and Hayward.

A course dealing in a general way with the theories and evidences of organic evolution. The laws and physical basis of heredity are studied in the light of their relationship to evolution.

23. **Animal Ecology.** Spring. M. W. F., 9:30. Three hours credit. Tanner.

The environment, natural habitats, adaptations, relationships of organisms, and distribution of species and communities will be considered.

Upper Division Courses

55. **Invertebrate Zoology.** Winter. T. Th., 8:30. Laboratory M. W., 1:30-4:30. Four hours credit. Tanner, Hayward.

This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationship of the invertebrate groups.

56. **Vertebrate Zoology.** Spring. T. Th., 8:30. Laboratory, M. W. F., 1:30-4:30. Five hours credit. Tanner, Hayward.

A detailed study of the comparative anatomy of the vertebrates.

- 57. Ornithology.** Spring. T. Th., 7:30. Laboratory, Th., 1:30-3:30. Three hours credit. Hayward. Prerequisites: Zoology 11 and 56.

A course in the evolution, structure, classification, and distribution of birds, with special reference to the Utah species.

- 58. Health Education for Teachers.** Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools.

- 59. Ichthyology.** Winter. M. W. F., 8:30. Three hours credit. Tanner.

An introductory course dealing with the problems relating to the life history of fishes, classification of species found in this region.

- 60. General Physiology.** Winter. M. W. F., 10:30. Three hours credit. Nicholes, Barlow, Cullimore, Oaks, and Tanner. Prerequisites: Chemistry 70-71 or equivalent and Zoology 11.

Material covered in this course includes chemistry of protoplasm, digestion, metabolism, absorption, excretion, circulation, body temperature and endocrine glands.

- 65. Human Physiology.** Autumn. M. W. F., 7:30; Laboratory M., Sec. I, 1:30-3:30; Sec. II, 3:30-5:30. Four hours credit. Hayward and Cullimore. Prerequisite: Zoology 11.

This course is designed to give the student a working knowledge of the life processes as they function in man.

- 69. Methods of Teaching Biology.** Autumn and Winter. Two hours credit. Tanner, Martin, Hayward, and Snow.

A course in the methods of organizing and presenting the subject matter in the high school biology course.

71. **Histology.** Autumn. M., 9:30; Laboratory, W. F., 1:30-4:30. Three hours credit. Tanner and Hayward.

Microscopic structure of the tissues and organs of animals. Practical training in fixing tissues, embedding, sectioning, staining, and mounting of permanent specimens. (Not given this year.)

72. **General Embryology.** Autumn. T. Th., 9:30. Laboratory, W. F., 1:30-4:30. Three hours credit. Tanner.

The origin and development of the organs and organ-systems of vertebrate animals, especially the chick, are studied.

73. **Aquatic Zoology.** Autumn. M. W. F., 9:30. Three hours credit. Tanner.

A general course in the study of fresh water animals of Utah Lake.

75. **History of Biology.** Winter. T. Th., 10:30. Two hours credit. Tanner.

A study of the development of biological thought from the time of the earliest writers to the present.

79. **Eugenics.** Spring. M. W. F., 10:30. Tanner. Prerequisite: Some laboratory course in Zoology or Botany.

The laws of natural inheritance, population problems, environment, reform, marriage and divorce, and state aid for education.

- 80, 81. **Seminar.** Autumn, Winter. One hour credit each quarter. Time to be arranged. Tanner, Hayward.

Required of all majors in this department during their junior and senior years.

85. **Fresh Water Zoology Problems.** Spring. Time and credit to be arranged. Tanner.

Special problems dealing with the plankton, mollusks, insects, fish, etc., of the lake. Problems will be assigned to individual students.

93. **Field Zoology.** Time and credit to be arranged. Tanner.

Students may make extensive collections of the

animal life of this state or adjoining states and then make a report on the same. This course aims to give training in systematic Zoology and museum work.

Graduate Courses

113, 114, 115. Research Work in Systematic and Economic Ornithology. Time and credit to be arranged.

117, 118, 119. Zoological Research. Time and credit to be arranged.

This course is open to all students prepared to do graduate work in any branch of zoological science.

160. General Physiology. Three hours credit. (See Zoology 60.)

200. Research. Thesis. Credit by arrangement.

This course is required of all students seeking a master's degree in this department.

ENTOMOLOGY

Lower Division Courses

30. Elementary Entomology. Autumn. M. W. F., 9:30. Three hours credit. Hayward.

This course is intended to interest students in insect life. A study of the structure, development and classification of some of the more important insects will form a basis of this course.

31. Morphology of Insects. Winter. M. W. F., 9:30; Th., 1:30-4:30. Four hours credit. Hayward.

It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects. A few typical insects will be thoroughly studied.

32. Insect Classification. Spring. M. W. F., 9:30; Th., 1:30-4:30. Four hours credit. Hayward.

Students will collect and study systematically the

insect fauna of the Provo region. Prerequisite: Course 31.

- 34. Economic Entomology—Field, Orchard and Garden Insects.** Autumn, M. W. F., 10:30. Three hours credit. Tanner.

A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include field, laboratory, and bibliographic work. Prerequisite course 30.

Upper Division Courses

- 61. Advanced Study of the Hymenoptera.** Autumn, Winter, Spring. Three hours credit. Time to be arranged. Hayward.

A morphological and systematical study of the groups of western Hymenoptera in which the student may be interested.

- 62. Advanced Study of the Coleoptera.** Autumn, Winter, Spring. Three hours credit. Time to be arranged. Tanner.

Students may study the weevils or other Coleoptera from the systematic, morphological, or economic standpoint.

- 63. Arthropods of the Intermountain States.** Spring. M. W. F., 10:30. Three hours credit. Tanner.

A general course dealing with the morphology, physiology, and classification of the Arthropods of this region. An important course for all majors in Zoology.

- 64. Advanced Entomology.** Winter and Spring. Time and credit to be arranged.

Open only to advanced students who are prepared to do systematic, morphological, or economic work.

- 94. Principles of Nomenclature.** Winter. M., 4:30. One hour credit. Tanner.

A lecture course dealing with the principles of no-

menclature and intended to meet the needs of students from any of the biological departments.

- 96. Special Problems in Entomology.** Winter and Spring. Two hours credit. Time to be arranged. Tanner.

Students will be encouraged to study the internal morphology of various groups of insects.

Graduate Courses

- 102, 103, 104. Special Problems in Systematic Entomology.** Time and credit to be arranged.

Studies in the structure and classification of certain groups of insects as Coleoptera, Diptera, Hymenoptera, etc.

- 105, 106. Research Work in Insect Morphology.** Time and credit to be arranged.

Special emphasis will be placed upon the morphology of the beetles. However, students may choose any group for detailed study.

- 107, 108, 109. Special Problems in Economic Entomology.** Time and credit to be arranged.

The student is here given an opportunity to make a more or less detailed study of some insect or group of insects of economic importance. Students are encouraged to do considerable life history work.

- 110, 111, 112. History of Entomology.** A one hour lecture or seminar course required of all graduate students. Time and credit to be arranged.

Extension Division

FACULTY

FRANKLIN STEWART HARRIS, President
LOWRY NELSON, Director
ALFRED OSMOND, English
CHRISTEN JENSEN, History and Political Science
ELBERT H. EASTMOND, Art
AMOS N. MERRILL, Secondary Education
EDWARD H. HOLT, Office Practice
BENJAMIN F. CUMMINGS, Languages
THOMAS L. MARTIN, Agronomy
HUGH M. WOODWARD, Philosophy of Education
WILLIAM J. SNOW, History
T. EARL PARDOE, Speech
M. WILFORD POULSON, Psychology
VASCO M. TANNER, Zoology and Entomology
GERRIT DE JONG, JR., Languages
HERALD R. CLARK, Finance and Banking
GEORGE H. HANSEN, Geology and Geography
ELMER MILLER, Economics
MILTON MARSHALL, Physics
GUY C. WILSON, Religious Education
HARRISON R. MERRILL, English
JOSEPH SUDWEEKS, Religious Education
C. S. BOYLE, Accounting and Business Administration
EFFIE WARNICK, Home Economics
WAYNE B. HALES, Physics and Mathematics
IDA SMOOT DUSENBERRY, Psychology
WILLIAM H. SNELL, Mechanic Arts
ASAEL C. LAMBERT, Educational Administration
EDGAR M. JENSON, Educational Administration, Art
H. GRANT IVINS, Animal Husbandry
KARL E. YOUNG, English
A. REX JOHNSON, Accounting and Business Administration
JOHN E. HAYES, Registrar
KIEFER B. SAULS, Secretary to the President, Purchasing
Agent

ELSIE C. CARROLL, English
C. LAVOIR JENSEN, Mathematics
W. ELMO COFFMAN, Science
C. LYNN HAYWARD, Zoology
BERTRAND F. HARRISON, Botany
IRENE S. BARLOW, Home Economics
CARLTON CULMSEE, Extension Secretary
F. WILCKEN FOX, Bureau of Visual Instruction Secretary
MRS. CHRISTEN JENSEN, English
MRS. NELLIE THORNTON, English
J. F. WAKEFIELD, Apiculture
A. A. ANDERSON, Scouting

Never before in the world's history were so many people attending college. But great as has been the increase in enrollment of resident students, it does not compare with the remarkable growth of what has come to be termed "Adult Education."

Doubtless, the growth of adult education is partly due to the necessity of people learning new things. The development of science and invention has been so rapid in recent years as literally to flood the earth with strange new devices. Old occupations have been destroyed and new ones created. There has come an amazing demand from the general population for instruction suited to its needs.

The Extension Division brings the University departments of instruction to your door. If you would study history, literature, mathematics, or practically any other subject in the University, you can now study it under expert guidance through the Home Study Bureau.

Directed Home Study

Hundreds of students are enrolled annually in courses, the instruction in which is carried on by the correspondence method. This method has the advantage of placing the student in direct touch with the instructor and allowing him to study at home at hours suited to his convenience.

Extension Division Aims

To render service to those who are unable to take advantage of the benefits of attending an educational institution, is the chief aim of the Extension Division of the Brigham Young University. To this end, correspondence courses and extension classes are offered to the public at a reasonable rate. Indeed, instruction by extension methods is more reasonable in Utah, than in the vast majority of states of the Union. Courses may be taken for credit or not.

Method of Instruction

After filing the application for enrollment and paying the fee, the student is sent the assignments of the course. He is given full instruction as to the required reading and preparation of his lesson, including questions to test his knowledge of the ground covered.

After preparing for recitation, the student does the required written work and mails it to the Extension office. This paper is criticized by the instructor, graded and returned to the student.

Each correspondence course carries credit equivalent to the corresponding courses in residence and therefore covers a definite amount of work. Most of the courses contemplate the students' preparing about five assignments for each quarter hour of credit received.

Regulations

1. No degree is offered for work done wholly in absence.

2. A student may begin at any time a course for which he is prepared, and must complete it within a year from the time he registers. He must distribute his reports with approximate evenness throughout the period of study. Each assignment is aimed to cover about a week's study in that particular subject provided the student spends about an hour a day. If he desires to send in more than two assignments a week, he

should obtain permission from the instructor. Reports may be rejected if the student attempts to compress his work unduly.

3. A student may not take correspondence work while in residence without the consent of the Dean concerned.

4. A student who does not report either by letter or lesson within a period of ninety days may thereby forfeit his right to further instruction in the course.

5. Unless otherwise stated examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the University.

Entrance Requirements

Registration for extension courses demands the same entrance requirements as do courses in residence. That is, matriculation for college courses presupposes sixteen units of high school work. However, exception may be made in favor of mature students, or those who have practically completed their high school work.

Fees

The charge for correspondence courses is at the rate of \$2.50 a credit hour, except as indicated in some courses, with a minimum fee of \$5.00.

Fees will not be refunded because of inability of the student to continue a course for which he has registered. Permission to change to some other course may be given, however.

Extension Classes

The faculty of the school goes out into the communities and organizes regular classes which receive very much the same instruction as do resident students in corresponding courses. These classes are designed to meet the needs of persons who are not resident students of an educational institution. The usual

procedure where such a class is desired is for the group to send to the Extension Division for an instructor.

Visual Instruction

Schools and seminaries throughout the intermountain region have access to the Bureau of Visual Instruction library of 16-millimeter motion pictures and 35-millimeter filmstrips. Illustrative material for practically every course in the usual curriculum is available. During the 1933-34 school year approximately 13,000 students, ranging from kindergarten to junior college grade, regularly viewed educational pictures from the Bureau and many hundreds of others attended occasional showings. It is commonly found that the proper use of visual aids to instruction leads to a measurable increase in learning.

Lectures and Entertainments

Members of the faculty have addressed or entertained in the neighborhood of two hundred thousand people in Utah and surrounding states during each of the past few years. These lectures and entertainments have for the most part been free except for transportation charges. The Extension Division, however, offers a regular lyceum course consisting of high class lectures and entertainments, for which a nominal charge is made.

Social Service

In this department there is included miscellaneous service consisting of recreation, club programs, pageants, visual education, package libraries, etc.

Publications

The Extension Division publishes from time to time circulars of general or specific interest. These circulars may be on any one of a wide number of subjects. In fact, any department of the University may have the opportunity of publishing material through this bureau as far as resources will permit.

Leadership Week

The first annual Leadership Week was held in January, 1922. Since that time it has been an annual event. In the 13th week, in 1934, the attendance represented 70 stakes of the Church. About twenty-six short courses were given.

CORRESPONDENCE COURSES

NOTE: Courses marked "x" are either not given in residence or do not correspond precisely to residence courses in the same subject. All other courses parallel residence courses by the same number.

ACCOUNTING AND BUSINESS ADMINISTRATION

1. Elementary Accounting. Five hours credit. Boyle.
2. Elementary Accounting. Five hours credit. Boyle.
- 14x. Commercial Art. Two hours credit. Jenson. Fee \$7.00.
22. Principles of Marketing. Three hours credit. Johnson.
24. Salesmanship. Three hours credit. Johnson.
25. Advertising. Three hours credit. Johnson.
27. Cooperative Marketing. Three hours credit. Nelson.
30. Commercial Geography. Five hours credit. Hansen.
50. Intermediate Accounting. Four hours credit. Clark.
51. Intermediate Accounting. Three hours credit. Clark.
52. Intermediate Accounting. Four hours credit. Clark.
61. Personnel Management. Three hours credit. Boyle.
62. Personnel Management. Three hours credit. Boyle.
63. Personnel Management. Three hours credit. Boyle.
74. Principles of Statistics. Three hours credit. Boyle.
75. Business Statistics. Two hours credit. Boyle.

AGRONOMY

21. Root Crops. Four hours credit. Martin.
22. Cereal Crops. Four hours credit. Martin.
23. Forage Crops. Four hours credit. Martin.
41. Soils. Three hours credit. Martin.
92. Bacteria in Relation to Soil Fertility. Three hours credit. Martin.
94. History of Agriculture. Three hours credit. Nelson.
99. Agricultural Literature. Credit to be arranged. Martin.

ANIMAL HUSBANDRY

2. History of Breeds of Live Stock. Five hours credit. Ivins.
8. Practical Poultry Farming. Three hours credit. Ivins.

ART

- 14x. Commercial Art. Two hours credit. Jenson. Fee \$7.00.
- 17x. Illustration. Two hours credit. Eastmond. Fee \$7.00.
- 47. Art Pageantry Production. Two hours credit. Eastmond.

BOTANY

- 21. General Bacteriology. Three hours credit. Martin.
- 55x. Local Flora. Three or five hours credit. Harrison.
- 90. Advanced Systematic Botany. Harrison.

DRAWING

- 4. Drawing. Two hours credit. Snell.
- 5. Drawing. Two hours credit. Snell. Prerequisite 4.
- 6. Drawing. Two hours credit. Snell. Prerequisite 5.
- 10. Instrumental Perspective. Two hours credit. Snell. Prerequisite 4, 5, 6, or equivalent.
- 13. Architectural Drawing. Two hours credit. Snell. Prerequisite 4, 5 and 6.
- 14. Architectural Drawing. Two hours credit. Snell. Prerequisite 13.
- 15. Architectural Drawing. Two hours credit. Snell. Prerequisite 14.

ECONOMICS

- 11. Introduction to Economics. Three hours credit. Miller.
- 12. Principles of Economics. Three hours credit. Miller. Prerequisite, Economics 11.
- 13. Current Economic Problems. Three hours credit. Miller.
- 31. Cooperative Marketing. (See Sociology 53) Nelson.
- 61. Labor Problems. Three hours credit. Boyle.
- 93. Economic History of Agriculture. Three hours credit. Nelson.

EDUCATIONAL ADMINISTRATION

- 5. Educational Administration. (See Elementary Education) Three hours credit. Lambert.
- 50. Rural Education. Three hours credit. Merrill.
- 60x. Youth and Its Leadership. Five hours credit. Lambert.

ELEMENTARY EDUCATION

- 5. School Organization and Administration. Three hours credit. Lambert.
- 12. Elementary School Curriculum. Three hours credit. Lambert.
- 22. Hygiene and Sanitation. Three hours credit. Hayward.

PHILOSOPHY OF EDUCATION

- 74. Rural Sociology. Three hours credit. Nelson. (See Sociology 53.)
- 81. Science of Education. Four hours credit. Woodward.
- 86. History of Education. Three hours credit. Woodward.

SECONDARY EDUCATION

- 53. Organization and Administration. Three hours credit. A. N. Merrill.
- 55. Secondary Education in the United States. Four hours credit. Merrill.

ENGLISH

- 1. Rhetoric and Composition. Three hours credit. Thornton.
- 2. Rhetoric and Composition. Three hours credit. Thornton.
Continuation of course 1.
- 3. Rhetoric and Composition. Three hours credit. Thornton.
Continuation of course 2.
- 4. Business English. Three hours credit. Roberts.
- 5. Newswriting. Three hours credit. Merrill.
- 11. Advanced English Grammar. Four hours credit.
Young.
- 16x, 17x. Survey of American Literature. Four hours credit.
Mrs. Jensen.
- 20, 21, 22. Masterpieces of English Literature. Six hours credit.
- 21x, 22x, 23x. Survey of English Literature. Nine hours credit.
Mrs. Jensen.
- 44x. History and Development of the American Novel. Four
hours credit. Osmond.
- 51. Feature Writing. Three hours credit. Culmsee.
- 50x, 51x, 52x. Readings in World Literature. Six hours credit.
Mrs. Jensen.

- 53x, 54x, 55x. Readings in World Literature. Six hours credit.
Mrs. Jensen.
57. Short Story Writing. Two hours credit. Osmond.
- 58x. The Modern Short Story. Three hours credit. Mrs. Jensen.
65. Recent Drama. Three hours credit. Pardoe.
- 76x. Tennyson. Three hours credit. Mrs. Jensen.
- 86-1x. The Poetry of Robert Browning. Three hours credit.
Mrs. Jensen.
- 86-2x. Continuation of 86-1x. Three hours credit. Mrs. Jensen.

FINANCE AND BANKING

51. Business Finance. Four hours credit. Clark.
52. Continuation of 51. Four hours credit. Clark.
53. Money and Banking. Four hours credit. Clark.
54. Investments. Four hours credit. Clark.

GEOLOGY AND GEOGRAPHY

1. Survey Course. Four hours credit. Hansen.
30. Geography of Economic Products. Five hours credit. Coffman.
80. Human Geography. Three hours credit. Hansen.

HISTORY

- 1x. History of Modern Europe, 1500-1680. Three hours credit.
Snow.
- 2x. History of Modern Europe, 1680-1815. Continuation of
course 1. Three hours credit. Snow.
- 3x. History of Modern Europe, 1815 to Present Time. Three
hours credit. Snow.
- 18x or 51x. History of Civilization. Four hours credit. Snow.
- 20, 21, 22. American History. Nine hours credit. Jensen.

HOME ECONOMICS

- 10x. Elementary Nutrition. Two hours credit. Barlow.
80. Household Administration. Three hours credit. Warnick.

MATHEMATICS

11. College Algebra. Five hours credit. Marshall.

12. Plane and Spherical Trigonometry. Five hours credit. Marshall.
49. Analytic Geometry. Five hours credit. Hales.
50. Differential Calculus. Four hours credit. Hales.
51. Integral Calculus. Four hours credit. Hales.

GERMAN

- 13x. Directed German Reading. Three hours credit. Prerequisite, ten hours of German. de Jong.
- 57x, 58x, 59x. Directed German Reading. Three hours credit for each course. Prerequisite, fifteen hours of German. de Jong.
- 67x. German Composition. Three hours credit. Prerequisite, eighteen hours of German. de Jong.

FRENCH

- 13x. Directed French Reading. Three hours credit. Prerequisite, ten hours of French. Cummings.
- 57x, 58x, 59x. Directed French Reading. Three hours credit for each course. Prerequisite, fifteen hours of French. Cummings.
- 67x. French Composition. Three hours credit. Prerequisite, eighteen hours of French. Cummings.

SPANISH

- 13x. Directed Spanish Reading. Three hours credit. Prerequisite, ten hours of Spanish. Cummings.
- 57x, 58x, 59x. Directed Spanish Reading. Three hours credit for each course. Prerequisite, fifteen hours of Spanish. Cummings.
- 67x. Spanish Composition. Three hours credit. Prerequisite, eighteen hours of Spanish. Cummings.

OFFICE PRACTICE

- 11-12. Gregg Shorthand. Eight hours credit.
31. Business English. Three hours credit.

PHYSICAL EDUCATION

- 77, 78, 79. Scoutcraft. (See Religious Education.) Six hours credit. Anderson.

PHYSICS

- 16. Descriptive Astronomy. Four hours credit. Hales.
- 21. Meteorology. Four hours credit. Hales.

PSYCHOLOGY

- 11. General Psychology. Five hours credit. Poulson.
- 21. Elementary Educational Psychology. Three hours credit. Dusenberry.
- 74. Advanced Educational Psychology. Four hours credit Poulson. Prerequisite, three hours of Elementary Psychology.

RELIGIOUS EDUCATION

- 3x. Church History. Two hours credit. Wilson.
- 14. Genealogy. Two hours credit. Sudweeks.
- 19. Doctrine and Missionary Method. Two hours credit. Ivins.
- 20. History of Religious Propaganda. Two hours credit. Ivins.
- 77, 78, 79. Scout Leadership. Six hours credit. Anderson.

SOCIOLOGY

- 11-12 or 55-56. Elementary Principles of Sociology. Six hours credit. Nelson.
- 53. Rural Sociology. Three hours credit. Nelson.

SPEECH

- 1. Public Speaking. Three hours credit. Pardoe.
- 51. Advanced Public Speaking. Three hours credit. Pardoe.
- 72. Theory of Play Production. Three hours credit

ZOOLOGY AND ENTOMOLOGY

- 20. Health Education. Three hours credit. Hayward.
- 32x. Apiculture. Three hours credit. Wakefield.
- 93. Field Zoology. Credit to be arranged. Tanner.

HIGH SCHOOL COURSES

ENGLISH

- d. A Study of the Types of Literature. One unit credit.

GEOGRAPHY

- a. Economic Geography. One unit credit. Coffman.

MATHEMATICS

- a. High School Algebra. One unit credit. Jensen.
b. Plane Geometry. One unit credit. Coffman.
c. Second Course in Algebra. One unit credit. Jensen.
d. Solid Geometry. One-half unit credit. Marshall.

Training Schools

AMOS N. MERRILL, Acting Dean of College of Education

EDGAR M. JENSEN, Director, Training Schools

GENERAL SUPERVISORS:

A. N. MERRILL, Secondary Training

HERMESE PETERSON, Intermediate Grades

EMMA BROWN, Primary Grades

SECONDARY SCHOOL FACULTY

EDGAR M. JENSEN, Principal

C. LAVOIR JENSEN, Junior H. S. Mathematics

WM. F. HANSON, Music

W. ELMO COFFMAN, Mathematics and Science

HUGH W. PETERSON, Science

STELLA P. RICH, English

MARGARET SWENSON, Home Economics

BILLIE HOLLINGSHEAD, Social Science

FRED DIXON, Physical Education

EDNA SNOW, Biology

GOLDEN L. WOOLF, French

WILFORD D. LEE, English

ELEMENTARY SCHOOL FACULTY

HERMESE PETERSON, Principal

MAY C. HAMMOND

BARBARA MAUGHAN

GLADYS KOTTER

GEORGIA MAESER

HAZEL CLYDE WATKINS

JENNIE CAMPBELL

THELMA LUDLOW

ORGANIZATION AND PURPOSE

The Training Schools are organized on a kindergarten 6-3-3 basis; viz: a kindergarten, an elementary division, a junior and a senior high school.

Students enrolled in the training schools have all the advantages of the University plant such as the use of the libraries, gymnasiums, laboratories, shops, athletic fields, auditorium, etc. These enlarged opportunities, with the advantages of expert teachers, make the training schools especially attractive and advantageous to students of elementary and high school age.

Provisions are made for promotions from grade to grade and from one division to another so that pupils may enter either the kindergarten or first grade and remain in continuous attendance until they are graduated from one of the colleges of the University. The educational welfare of the students is safeguarded by an enriched curriculum, in addition, provisions are made for moral and religious training every year the student is in attendance.

Pupils completing the first six grades are regularly promoted to the Junior High School. Here departmentalization begins permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements and towards graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

Students will be graduated from the Senior High School upon completion of twelve units of work in the Senior High School. These twelve units of work must be secured during three years attendance in Senior High School and must include all the constants prescribed for each year and the sequence of courses pre-

scribed in one of the four curricula. Students graduating from the "General Course," which alone meets definitely the college entrance requirements, must present the following group requirements (1) English, 2 units, (2) a Principal Group of 3 or more units, (3) a Secondary Group of 2 or more units.

Students are required to take the regular courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation; a maximum of one-half unit of credit may be counted toward graduation for these courses.

All students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

HIGH SCHOOL ACTIVITIES

Under the direction of the regular teachers and the faculty committee, a full program of athletic and social affairs is provided for the junior and senior high school students.

The senior high school groups have regular social gatherings and recreational activities under faculty supervision and counsel. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a play or a musical program. The school is a member of the State High School Debating Association and the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained with the various activities that naturally are sponsored by such organizations. The high school students have also the advantage of participation in the regular activities of the University student body life.

THE CURRICULA

Four curricula, or four groups of studies, are provided. As early as the ninth year and not later than the tenth year, pupils with the counsel of the parents and teachers, should make a choice of the group of studies (the curriculum) which they propose to pursue during the remaining years of high school study. This choice should be made with the definite intent of staying in that curriculum until graduation. Any marked deviation from recommended sequences in any given curriculum without very valid reasons will not be permitted. Transfer from one curriculum to another will delay graduation.

CREDIT

Those classes which require outside preparation which meet five days each week for full fifty minutes, and which continue for the full school year of 34 or 36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit. The half-unit courses meet daily for half the year or two or three days each week with preparation, or meet daily with no outside preparation, and run throughout the year. There are no "quarters" in high school program as there are in the University.

Students who register late or who discontinue before the end of the school year can receive no higher grade than "Incomplete" until the required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit received.

SECONDARY TRAINING SCHOOL CURRICULUM

Junior High School

7th Grade

Subjects	Periods
English I	5
Geography	5
Mathematics I	5
Reading	2
Music	2
Sewing	2
Manual Training	2
Religion Class	2
Physical Education and Recreation	3

8th Grade

Subjects	Periods
English II	5
History	5
Mathematics II	5
General Science	3
Reading	2
Music	2
Cooking	2
Shop Work	2
Religion Class	2
Physical Education and Recreation	3

9th Grade

Subjects	Periods
English	5
Community Civics	3
Biology	5
Theology	2
Physical Education	3

Electives

Electives	Periods
French B	5
Plain Sewing	2

Art	--
Elementary Drafting	5
Theory of Music	3
Elementary Typing*	5
Algebra	5
Foods or Woodwork	2
Music	2

SENIOR HIGH SCHOOL

Constants (required subjects in all Curricula. Students must register for these subjects).

10th Grade	11th Grade	12th Grade
English B— 5 periods	English C— 5 periods	English D*— 5 periods
Theology B— 2 periods	Theology C— 2 periods	Sociology and Economics— 5 periods
Physical Education	Physical Education	Theology D— 3 periods

Curriculum Group Requirements

According to the curriculum or group of studies chosen to be followed by the student, the following are required subjects for graduation:

(1)	(3)
General Course (Leads to College Entrance)	Agriculture and Mechanics
All Constants for the particular year 10th, 11th or 12th.	All Constants for the particular year
Algebra (unless taken in 9th Grade), or	Agriculture
Plane Geometry	Shopwork
American History or European History	Physics or Chemistry (preferably both)
Physics or Chemistry	Mechanical Drawing

*Elective but highly recommended

*Limited Registration.

(2)

Home-Making

All Constants for the particular year
 Foods and Cooking
 Plain Sewing
 Dressmaking
 Home-Making
 Chemistry

(4)

Business

Art
 All Constants for the particular year
 Accounting A
 Accounting B
 Shorthand
 Typewriting

Note: Curricula 2, 3, 4, will satisfy all requirements for graduation from the Senior High School. They may not meet college entrance requirements; curriculum 1 meets college entrance requirements.

Electives: Courses required in any curriculum group are open as electives to all other Senior High School students who have already met the constants requirements.

A recommended sequence of subjects in the general course, or curriculum (1), is as follows:

9th Year	Periods	11th Year	Periods
English A	5	English C	5
Algebra	5	Theology C	3
Biology	5	Physical Ed.	3
Theology A	2	Physics or Geom.	5
Physical Ed.	3	Am. or Europ. Hist.	5
		Elective	2-5
		Botany	5

10th Year	Periods	12th Year	Periods
English B	5	English D	5
Geom. or Algebra	5	Theology D	3
Theology B	3	Prob. Democ. or Civics	5
Physical Ed.	3	Physics or Chem.	5
History	5	Physical Ed.	3
Elective	2-5	Elective	3-5
Botany	5	Botany	5

SENIOR HIGH SCHOOL COURSES

Subject	Days	Classification	Year Taken	Credit
Grammar and Literature	5	Constant	10th	1 unit
Composition, Literature and Grammar	5	Constant	11th	1 unit
Literature	5	Elective	10 to 12	1 unit
Dramatic Art	5	Elective	10 to 12	$\frac{1}{2}$ unit
Public Speaking	3	Elective	9 to 12	1 unit
French A	5	Elective	10 to 12	1 unit
Latin A	5	Gen. Course	10 to 11	1 unit
Spanish				
European History	5	Gen. Course	10 to 11	1 unit
Botany	5	Second Semester		$\frac{1}{2}$ unit
American History	5	Constant	12th	1 unit
Problems of Democracy	5	Gen. Course	9 to 12	1 unit
Algebra	5	Gen. Course	10 to 11	1 unit
Geometry	5	Several	10 to 12	1 unit
Physics	5	Several	12th	1 unit
Chemistry	5	Gen. Course	10 to 12	1 unit
Geography	5			
Physiology and Hygiene	3	Elective	10th	$\frac{1}{2}$ unit
Foods and Cooking	5	Homemaking	10 to 12	1 unit
Homemaking	2	Homemaking	11 to 12	$\frac{1}{2}$ unit
Plain Sewing	2	Homemaking	9 to 12	$\frac{1}{2}$ unit
Dressmaking	5	Homemaking	10 to 12	$\frac{1}{2}$ unit
Theory of Music	3	Elective	9 to 12	$\frac{1}{2}$ unit
Chorus	4	Elective	10 to 12	$\frac{1}{4}$ unit
Orchestra	5	Elective	10 to 12	$\frac{1}{2}$ unit
Art	2	Elective	10 to 12	$\frac{1}{2}$ unit
El. Accounting	5	Business	10 to 12	1 unit
Adv. Accounting	5	Business	11 to 12	1 unit
El. Typewriting	5	Business	9 to 12	1 unit
Adv. Typewriting	5	Business	10 to 12	1 unit
Shorthand	5	Business	11 to 12	1 unit
Theology	3	Constant	10th	$\frac{1}{2}$ unit

Subject	Days	Classification	Year Taken	Credit
Theology	3	Constant	11th	$\frac{1}{2}$ unit
Theology	3	Constant	12th	$\frac{1}{2}$ unit
Physical Ed. (Girls)		Constant	9 to 12	
Physical Ed. (Boys)		Constant	9 to 12	
Woodwork A. B.	5	Agr. & Mech.	9 to 12	$\frac{1}{2}$ unit
Drafting A. B.	5	Agr. & Mech.	10 to 12	$\frac{1}{2}$ unit
Auto Mechanics	5	Agr. & Mech.	9 to 12	$\frac{1}{2}$ unit

Graduates 1933-34

MASTER DEGREES

Master of Arts

ALLEMAN, RAY S.....	Springville
A. B. Degree, B. Y. U., 1933.	
Major: Physics.	
AMARU, WI PERE.....	Tolaga Bay, New Zealand
A. B. Degree, B. Y. U., 1934.	
Major: Zoology.	
BENIAMS, HERMAN N.....	Provo
A. B. Degree, B. Y. U., 1933.	
Major: Physics.	
BRYSON, EUGENE D.....	Salt Lake City
A. B. Degree, University of Utah, 1934.	
Major: German.	
CAMPBELL, ROALD F.....	Preston, Idaho
A. B. Degree, B. Y. U., 1934.	
Major: Educational Administration.	
CANNON, ANTHON S.....	Farmington
A. B. Degree, University of Utah, 1929.	
Major: Religious Education.	
COLVIN, HAROLD A.....	Provo
A. B. Degree, B. Y. U., 1932.	
Major: Chemistry.	
EVANS, EDMUND E.....	Payson
A. B. Degree, B. Y. U., 1924.	
Major: Speech.	
FECHSER, CLYDE I.....	Provo
A. B. Degree, B. Y. U., 1928.	
Major: Philosophy of Education.	
FISH, MARGARET.....	Snowflake, Arizona
A. B. Degree, University of Arizona, 1933.	
Major: English.	
FRANDSEN, ERNEST.....	Provo
A. B. Degree, B. Y. U., 1926.	
Major: Religious Education.	
FUJIWARA, TAKEO.....	Sapparo, Japan
A. B. Degree, B. Y. U., 1933.	
Major: History.	
GARDNER, E. RAY.....	American Fork
A. B. Degree, B. Y. U., 1916.	
Major: Religious Education.	
HARRIS, ARLENE.....	Provo
A. B. Degree, B. Y. U., 1929.	
Major: English.	

HUTCHINGS, THERON B.	Midvale
A. B. Degree, B. Y. U., 1933.	
Major: Agronomy.	
JOHANSON, ALVA J.	Provo
A. B. Degree, B. Y. U., 1931.	
Major: Chemistry.	
SNOW, CLAUDE S.	Provo
A. B. Degree, B. Y. U., 1932.	
Major: Speech.	
TAYLOR, FENTON W.	Thatcher, Arizona
A. B. Degree, B. Y. U., 1933.	
VANCOTT, FRANK A.	Salt Lake City
A. B. Degree, B. Y. U., 1924.	
Major: Theory of Music.	
WHETTEN, LESTER B.	Provo
A. B. Degree, B. Y. U., 1932.	
Major: Educational Administration.	

Master of Science

BERRETT, EDWARD H.	Pocatello, Idaho
B. S. Degree, B. Y. U., 1926.	
Major: Secondary Education.	
EGGERTSEN, SIMON P.	Provo
B. S. Degree, University of Utah, 1916.	
Major: History.	
HETTIG, T. DAVID.	Provo
B. S. Degree, B. Y. U., 1933.	
Major: Philosophy of Education.	
HOYT, HELEN GRACE.	Eugene, Oregon
B. S. Degree, B. Y. U., 1926.	
Major: English.	
LLOYD, WESLEY P.	Oakley, Idaho
B. S. Degree, B. Y. U., 1927.	
Major: Sociology.	
ROMNEY, ANTONE K.	Provo
B. S. Degree, B. Y. U., 1933.	
Major: Educational Administration.	
SCORUP, STENA	Salina
B. S. Degree, U. S. A. C., 1929.	
Major: Philosophy of Education.	
SMITH, JUSTIN M.	Provo
B. S. Degree, University of Arizona, 1932.	
Major: Agronomy.	
TREGEAGLE, DELBERT	Provo
B. S. Degree, B. Y. U., 1932.	
Major: Economics.	
TREGEAGLE, PHYLLIS	Provo
B. S. Degree, B. Y. U., 1928.	
Major: English.	

WING, JOHN.....	American Fork
B. S. Degree, B. Y. U., 1926.	
Major: Chemistry.	
WOOLF, DE VOE.....	Salt Lake City
B. L. Degree, Hamilton Law School, 1916.	
L. L. M., Degree, Hamilton Law School, 1928.	
Major: Secondary Education.	

BACHELOR DEGREES

COLLEGE OF APPLIED SCIENCE

A. B. Degree

Cottam, Earl B.....	Provo
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B. S. Degree

Allen, Blaine W.	Salem
Ball, Uarda	Idaho Falls, Idaho
Bishop, Grant H.	Delta
Brown, Mary	Grantsville
Brugger, Gwen	Venice
Burr, Gerald D.	Provo, R. D.
Christensen, Helen	Provo
Condie, Vernon Clegg	Springville
Conover, Elizabeth	Provo
Cutler, Betty	Salt Lake City
Davies, Edward Everett	Provo
Durrant, Rubye Bartholomew	Provo
Ellsworth, Marjorie	Lewisville, Idaho
Fisher, Asael H.	Provo
Hart, Clarice Hanson	Provo
Hawkes, F. Pratt	Preston, Idaho
Haynie, Irene	Salt Lake City
Hougaard, Georgia	Manti
Hougaard, Virginia	Manti
Johnson, Fay	Provo
Kenney, Flora	Holden
Moore, Clara A.	Spanish Fork
Pearson, Irvin B.	Oakley
Robison, Bertha B.	Baker, Nevada
Shipp, Warren E.	Beaver
Snow, Hortense	St. George
Stowell, Rhoda	Provo
Young, Rhoda J.	Idaho Falls, Idaho

COLLEGE OF ARTS AND SCIENCES

A. B. Degree

Allen, C. Clinton	Goshen
Amaru, WiPere	Tolaga Bay, New Zealand
Anderson, H. Duane	Provo
Ashby, R. Morrell	American Fork
Bayles, Wesley L.	Blanding
Clark, Riley G.	Provo
Frost, Clyde M.	Coalville
Grow, Katherine	Cardston, Canada
Hammond, Merrill C.	Provo
Hansen, Caroline Adele	Provo
Harris, Elna M.	Ogden
Hayes, Sheldon P.	Provo
Hooks, Gladys	Provo
Hughes, Preston G.	Spanish Fork
Hutchings, Loman F.	Springville
Jennings, Frances I.	Ephraim
Kimball, Doris M.	Provo
Lee, Wilford D.	Iona, Idaho
Martin, William P.	Provo
Nelson, Leah	Spanish Fork
Parry, H. Dean	Ogden
Peterson, Margaret O.	Aberdeen, Idaho
Swenson, Elizabeth	Pleasant Grove
Tanner, J. Sherman	Provo
Taylor, Delenna Rogers	Provo
Thomson, Ralph D.	Ephraim
Vance, R. Wendell	Provo
Warner, Berenice	Grace, Idaho
Weight, Nellie	Springville
Williams, Alberta	Morgan
Wilson, O. Meredith	Provo
Young, Edith	American Fork

B. S. Degree

Ashby, George M.	Leamington
Bissell, Harold J.	Springville
Braun, Gordon Elwood	Ogden
Bunnell, Elvin W.	Provo
Carrigan, James Wm.	Peterson
Carter, Allan J.	Helper
Clarke, Thomas P.	Tolaga Bay, New Zealand
Creer, William E.	Spanish Fork
Larsen, Eugene C.	Provo
Larsen, Rex B.	Provo
Lillywhite, Don Carlos	Phoenix, Arizona

Reese, Margaret A.	Price
Reese, Rudolph P.	Provo
Seaton, May	Price
Smith, Earl T.	Beaver
Taylor, Preston N.	Banida, Idaho
Thornock, Owen D.	Bloomington, Idaho
Vance, Cyril L.	Provo
Wilkinson, Elva A.	Ogden

COLLEGE OF COMMERCE

A. B. Degree

Ballif, Royal F.	Preston, Idaho
Dixon, Mildred	Provo
Larsen, Orville L.	Pleasant Grove
Mitchell, John Harry	Eureka
Peterson, Kenn J.	Manti
Thornton, J. Read	Provo
Van Wagenen, Harold E.	Provo
Walker, Bernard S.	Pleasant Grove

B. S. Degree

Abbott, Ernest C.	Provo
Allred, David H.	Raymond, Canada
Anderson, Paul E.	Provo
Aycock, T. Edward	Vernal
Barnett, Shirley B.	Salem
Bird, Howard A.	Springville
Bunker, S. Bertell	Provo
Cowley, Edwin J.	Sigurd
Grow, David Spencer	Cardston, Canada
Haslam, Wm. Hill	Lewiston
Larsen, Carl L.	Preston, Idaho
Madsen, Clark C.	Springville
Maxwell, B. Alva	Eagar, Arizona
Miller, Barr C.	Murray
Murdock, Ernest Franklin	Park City
Okelberry, Orville W.	Goshen
Partridge, Carol	Provo
Ralston, Mary	Provo
Rich, Clarence D.	Morgan
Snow, R. Thornton	Provo
Taylor, H. Rex	Levan
Taylor, Weldon J.	Provo
Warnick, Carl G.	Provo

COLLEGE OF EDUCATION

A. B. Degree

Arrowsmith, Jessie B.	Provo
Carr, William Cecil	Auckland, New Zealand
DeLange, Talmage Young	Koosharem
Eberhard, Ernest, Jr.	Melba, Idaho
Millett, Floyd W.	Mesa, Arizona
Nielson, Louise M.	Tooele
Vance, Emery Merle	Provo
Woolf, Golden Legrand	Magrath, Canada

B. S. Degree

Anderson, Afton	Magna
Anderson, Kenneth G.	Clear Creek
Bennett, Erma	Provo
Brockbank, Ila	Provo
Brunt, Clarice	Idaho Falls, Idaho
Bunnell, Morris T.	Mt. Pleasant
Cartwright, Aubra	Beaver
Christianson, James W.	Spanish Fork
Colvin, Nellie	Salt Lake City
Comish, Alison	Eugene, Oregon
Conder, Vera H.	Provo
Condie, LeRoy	St. George
Connell, William	Provo
Coombs, Retta	Cardston, Canada
Cottam, Rulon V.	St. George
Dimick, Mildred H.	St. Anthony, Idaho
Frost, Thomas Leland	Ephraim
Fugal, Genevieve	Pleasant Grove
Graff, Sylvan	Santa Clara
Griffith, Melvin	Lake Point
Hammond, May C.	Provo
Hansen, Floy	Richfield
Harris, Wayne	Portage
Huff, Mary P.	Provo
Jacobs, Emma	Roy
Jensen, Vernon H.	Salt Lake City
Jorgensen, Vern Frank	Fountain Green
Kotter, Floyd	Elsinore
Kotter, Wilma M.	Brigham City
Lewis, Bernell H.	Spanish Fork
Murphy, J. Bud	Salina
Nielson, Emil K.	Provo
Rasmussen, Rulon S.	Monroe
Richmond, Dorothy	Provo
Rigtrup, Rowena Hutchings	Springville
Shields, Lloyd	Tooele

Smith, Virgil J.	Lehi
Sorensen, Virginia E.	Springville
Summers, Helen	Provo
Sundwall, Harry West	Fairview
Vest, Edwin T.	Ogden
Walker, Paul K.	Nephi
Washburn, Jesse Alvin	Provo
White, Faye	Payson
Wilson, Dale B.	Payson
Wiscombe, Ronald J.	Roosevelt
Woodland, Kathryn	Arimo, Idaho
Yorgason, Robert	Burlington, Wyoming

COLLEGE OF FINE ARTS

A. B. Degree

Bateman, Horal M.	Midvale
Broadbent, Lynn	Provo
Cook, Helen	Paris, Idaho
Edmunds, Olive	Chicago, Illinois
Erickson, Ralph A.	Mt. Pleasant
Evans, Jayne Ann	Spanish Fork
Farnsworth, DeLin	Circleville
Lee, Lawrence	Logan
LeeMaster, Vernon J.	Provo
LeSueur, Edith Paxman	Provo
Madsen, Florence J.	Provo
Maycock, Esther	Springville
Myers, La Priel	American Fork
Page, Ailsa Nell	Ft. Duchesne
Pardoe, Kathryn Bassett	Provo
Parry, Roland C.	Ogden
Romney, Marguerite	Colonia Juarez, Chih., Mexico
Snell, Alta H.	Provo
Van Cott, Frank A.	Salt Lake City

B. S. Degree

Halladay, Wilford Meeks	Circleville
Jensen, Mary	Brigham City
Luke, Clinton L.	Idaho Falls, Idaho
Morrison, Lillian	St. George
Parkinson, Ann	Rexburg, Idaho
Stoker, Alta	Sugar City, Idaho
Thiriot, Joseph E.	Hiko, Nevada
White, Deleen	Morgan

COLLEGE OF EDUCATION

Normal Diplomas

Amundsen, Cleone	Salt Lake City
Frazier, Verness White	Oakley
Greenwood, Lois	American Fork
Harding, Elden A.	Provo
Huffaker, Ruth E.	Murray
Larsen, Thelma	Castle Dale

GRADUATES WITH HIGH HONORS

Ashby, R. Morrell	Ellsworth, Marjorie
Brugger, Gwen	Haynie, Irene
Carter, Allan	Larsen, Carl L.
Comish, Alison	Martin, William P.
Conover, Elizabeth	Nelson, Leah
Delange, Talmage Young	Robison, Bertha B.
Durrant, Rubye Bartholomew	Snell, Alta

GRADUATES WITH HONORS

Anderson, H. Duane	Kimball, Doris M.
Bunker, Bertell	Pearson, Irvin B.
Christensen, Helen	Thomson, Ralph D.
Eberhart, Ernest, Jr.	Thornock, Owen D.
Johnson, Fay	Wilson, O. Meredith

Enrollment of Students

1933-34

In the following list "a" stands for arts and sciences; "ap" for applied science; "c" for commerce; "e" for education; "fa" for fine arts; "ss" for summer school; "G" for graduate; "S" for senior; "J" for junior; "So" for sophomore; "F" for freshman; "Un" for unmatriculated; and "Sp" for special.

Abbott, Claud, ap-F	Mesquite, Nevada	Allred, Moreho V., ap-J	Lehi
Abbott, Ernest C., c-S	Provo	Allred, Ruth, c-F	Provo
Abbott, E. Vaughn, c-F	Mesquite, Nevada	Raymond, Alberta, Canada	
Acord, L. Earl, ss	Castle Gate	Allred, Theras Q., a-So	Provo
Acord, Golda, ss	Spring City	Allred, Vonda D., Sp	Provo
Acord, Irma, Sp	Provo	Amaru, Wi Pere K., G-ss	Tolaga Bay, New Zealand
Adams, Ellen, ap-F	Pleasant Grove	Ames, Harry, a-F	Afton, Wyo.
Adams, Howard M., e-So	Parowan	Amundsen, Cleone, e-J	Salt Lake City
Adams, Milo J., fa-So	Spanish Fork	Anderson, Afton, e-S-ss	Magna
Adams, Robert L., e-F	Rupert, Idaho	Anderson, Clarence A., e-So	Levan
Adamson, Phyllis, Sp	American Fork	Anderson, Clarence W., fa-So	Mt. Pleasant
Agren, Eileen, e-J	Ogden	Anderson, Duane P., a-S	Gunnison
Agren, Pehr H., fa-F	Lewisville, Idaho	Anderson, H. Duane, a-S	Provo
Alder, Don M., c-J	Provo	Andersen, Emily, Sp	Provo
Alder, Ralph J., a-F	Provo	Anderson, Erma, Un	Provo
Alexander, LaRay, c-F	Spanish Fork	Anderson, Evan R., fa-So	Ephraim
Alger, Almo Don, c-F	Provo	Anderson, Gordon P., e-F	Idaho Falls, Idaho
Allredge, Donald J., a-F	Preston, Idaho	Anderson, Hazel, fa-So-ss	Springville
Aldredge, Weldon E., a-J	Preston, Idaho	Andersen, Irving E., ap-J	Brigham City
Aldrich, Clair M., c-J	Mt. Pleasant	Andersen, Jennie, ss	Provo
Aldrich, Ray M., c-S	Mt. Pleasant	Anderson, Kenneth G., Sp-ss	Garland
Alleman, Mrs. E. K., Sp	Springville	Anderson, Lewis, a-F	Levan
Alleman, Helen, G-ss	Springville	Anderson, Maud, G	Manti
Alleman, Karl H., ap-F	Springville	Anderson, Paul E., c-S	Provo
Alleman, Ray S., G	Springville	Anderson, Paul S., e-So	Emery
Allan, Blaine, ap-S	Salem	Anderson, Ralph W., c-So	Elsinore
Allen, Alice R., ss	Provo	Anderson, Reed G., a-J	Idaho Falls, Idaho
Allen, Champ, fa-F	Antimony	Anderson, Robert A., ap-F	McKinnon, Wyo.
Allen, C. Clinton, a-S	Goshen	Anderson, Vera, e-So	El Paso, Texas
Allen, Genevieve M., Sp	Provo	Anderson, Vivian, ss	Moroni
Allen, James E., a-F	Provo	Andrews, Grant M., ss	Ucon, Idaho
Allen, Marvin M., a-F	Charleston	Andrews, Max, a-F	Provo
Allen, Myrth, e-F	Eureka	Angus, Clifford H., fa-F	Benjamin
Allen, Nathan D., a-F	Roosevelt	Applegate, J. Owen, a-F	Circleview
Allen, Priscilla, e-So	Mesa, Arizona	Arbon, John T., G-ss	Tremonton
Allen, Robert K., G	Provo	Armistead, Phyllis, fa-So	Lehi
Allen, Roberta, e-F	Mesa, Arizona	Armstrong, C. Harold, a-S	Ogden
Allen, Stewart, a-F	American Fork	Arnold, Marion, a-F	Evanston, Wyo.
Alphin, Anna L., fa-F	Lovell, Wyo.	Arrowsmith, Jessie B., ss-Sp	Provo
Alphin, Velda, ss	Lovell, Wyo.	Asay, Bert, a-F	Lovell, Wyo.
Allred, David H., c-S	Raymond, Alberta, Canada	Ashby, Eda A., fa-F	American Fork
Allred, Fullmer A., a-So	Lehi	Ashby, George M., a-S	Leamington
Allred, J. Eldred, a-Un	Talmage	Ashby, Martha, e-F	Spanish Fork
Allred, Iris F., e-F	Provo	Ashby, R. Morrell, a-S	American Fork
Allred, Huitau LuPrele, ap-F	Lehi	Ashby, Orran T., e-J	Leamington
Allred, Markland E., a-F	Lehi		

Ashby, Wilford, ssRichfield
 Ashby, William C., a-SpAm. Fork
 Ashman, Gwendolyn, e-FRichfield
 Ashton, Clarence D., Sp-GProvo
 Ashton, Leah, a-FProvo
 Ashworth, Victor M., GProvo
 Austin, Maxine I., ap-FLehi
 Aycock, Edward T., c-SVernal
 Aycock, Mulford H., c-FVernal
 Aycock, Zella, ssVernal

Babcock, James E., ap-FMt. Emmons
 Bagley, Maida, SpProvo
 Bagley, Vera M., e-FProvo
 Bagnall, Clara, ssChester
 Bahr, A. Francis, ap-SoShelley, Ida.
 Bailey, Maxine, a-FMonticello
 Bailey, Masine, a-FMonticello
 Baird, Edwin, ssChester
 Baird, Lois, c-FHeber City
 Baird, Maurine, c-UnProvo
 Baker, Kenneth W., a-FBaker, Nev.
 Baker, Harold R., ssIdaho Falls, Ida.
 Baldwin, Luther W., e-FAfton, Wyo.
 Ball, A. Elden, fa-SoIdaho Falls, Ida.
 Ball, Phyllis, c-SoSoda Springs, Ida.
 Ball, Uarda, ap-SIdaho Falls, Ida.
 Ball, Wilburn N., a-JLehi
 Ballard, O. Duane, c-JDraper
 Balle, Harry R., e-JGlenwood
 Ballif, Eva, G-ssPreston, Ida.
 Ballif, Royal, c-SPreston, Ida.
 Bandley, Willard B., a-FProvo
 Banks, C. Mae, c-JProvo
 Banks, Wally, ap-SoLehi
 Banner, Laura, e-FSpringville
 Barlow, Marie, fa-FBurley, Ida.
 Barnett, Shirley B., c-SSalem
 Barnett, Wilmer L., a-FNephi
 Bartholomew, Marie, ap-Un
Springville
 Bartholomew, Virga, a-FSpringville
 Barton, J. Cullen, a-SoBeaver
 Barton, Mary A., ss-e-SoElko, Nev.
 Barton, Una M., e-FFerron
 Bascom, F. Weldon, a-F
Raymond, Alberta, Canada
 Bascom, Earl W., fa-Un
Raymond, Alberta, Canada
 Bastian, Weldon W., fa-SoVernal
 Bateman, Horald M., fa-SMidvale
 Batty, Paul M., c-UnOrem
 Batty, Vance, ap-SoWallsburg
 Bayles, Mary, ap-JBlanding
 Bayles, Wesley L., a-SBlanding
 Bean, Bryan, SpEureka
 Bean, Delbert I., a-SoPrice
 Bean, Helen, G-ssProvo
 Beardall, Anna, ss-SpSpringville
 Beck, Jay Vern, ss-GAmerican Fork
 Beck, J. Milton, Jr., a-SoPayson
 Beck, Stella, ssSpanish Fork
 Beck, Vanice, e-JDraper
 Becker, Teut, a-SoBend, Oregon

Beckerman, Verda S., ss
Las Vegas, Nevada
 Beckstead, Orval A., ssMidvale
 Bee, James W., a-FProvo
 Bee, Lawrence S., a-JProvo
 Behrmann, Illa, c-F
Kirtland, New Mexico
 Behrmann, Orie, a-F
Kirtland, New Mexico
 Bench, Dean W., ssMohrland
 Benedict, Lenora J., e-So
Las Vegas, Nevada
 Beniams, Herman N., GProvo
 Bennett, Barta, ssHolden
 Bennett, Carol, a-UnProvo
 Bennett, Erma, ss-SpProvo
 Bennett, Faun A., ssDeseret
 Bennett, Mark L., ssHolden
 Bennion, Lowell S., ap-SoBenmore
 Bennion, Marinda, ap-SoMurray
 Benson, Carmen, c-SoPreston, Ida.
 Benson, Max L., c-FMoreland, Ida.
 Benson, Scott C., fa-FPueblo, Colo.
 Bentley, LeRoi, ssTooele
 Berg, Verna, ssMurray
 Berge, Glen E., ap-FPayson
 Bergesen, C. Allan, a-So
Salt Lake City
 Berkman, Arthur E., ssHeber
 Berrett, Edward H., G-ss-Sp
Pocatello, Idaho
 Berrett, Ralph E., a-FOgden
 Berry, Wilmont E., a-JProvo
 Bertotti, George, ss-a-J
Oakland, California
 Bethers, Pratt M., ssHeber City
 Biddulph, Clyde, ss-a-SoProvo
 Biddulph, Reed, a-SoProvo
 Biddulph, Ruth H., a-S-ssProvo
 Bigelow, Margaret M., ss-SpProvo
 Bigelow, Percival P., ss-SpProvo
 Bigler, Rex A., a-JCentral, Ariz.
 Bingham, Afton, c-FSpanish Fork
 Bingham, Elva A., fa-SoOgden
 Bingham, James W., ssSpanish Fork
 Bingham, Klara, a-JSpanish Fork
 Bingham, Owen W., fa-JMorgan
 Bingham, Sanford M., a-So
American Fork
 Bingham, Thelma S., a-So
Tucson, Arizona
 Binns, Ellen, ap-SoAmerican Fork
 Birch, Virginia M., SpProvo
 Bird, Howard A., c-SSpringville
 Bird, Josephine, SpProvo
 Bird, Marcell W., fa-SoMendon
 Bird, Margaret, fa-JSpringville
 Bird, Orlie, ssMendon
 Bird, Paul H., c-FSalt Lake City
 Bishop, Duane, c-JDelta
 Bishop, Grant, ap-SDelta
 Bishop, Verdell R., c-SoDelta
 Bissell, Harold J., a-SSpringville
 Bjerregaard, Eliza M., SpProvo

Bjerregaard, George W., c-J	Provo
Bjerregaard, Oscar F., ss-G	Provo
Black, Glen W., e-So	Ferron
Black, Joy, ss	Fillmore
Black, Mary, ap-So	Delta
Black, P. Orin, e-F	Sandy
Black, Shirl, fa-F	Provo
Blackham, Eugene, e-F	Moroni
Blackham, Gwendolyn, ss	Moroni
Blackham, Ralph S., a-J	Moroni
Blackwell, Harry, c-J	Pleasant Grove
Blight, Alex, ss	Eureka
Bloomfield, Owen F., ap-So	Kirtland, New Mexico
Bloomquist, Virginia, Sp	Provo
Bluth, Genevieve, fa-F	El Paso, Texas
Boberg, Afton, e-So	Draper
Boberg, Lowell J., ss	Draper
Bodily, Angus S., c-Un	Preston, Ida.
Bodily, Gerald P., a-J	Preston, Ida.
Bohman, Proctor J., e-F	Monroe
Boley, Morgan, e-So	American Fork
Bone, George I., a-J	Lehi
Bone, Orren A., a-So	Lehi
Booth, Leona, ss-e-J	Provo
Booth, Wilson, a-J	Provo
Booth, Virginia, G-ss	Provo
Borg, Glen M., e-F	Midvale
Borgeson, Andrew A., ap-Un	Santaquin
Bosh, Merie A., ss	Levan
Bowdish, Palmer R., G-ss	Provo
Bowdish, Willa, G-ss	Provo
Bower, Helen L., a-J	Provo
Bown, Myron S., ap-F	Provo
Bown, Noel, c-So	Provo
Bowen, Jennie M., ap-So	Spanish Fork
Bowen, Shirley, a-So	Spanish Fork
Bowles, Catherine, e-F	Nephi
Bowman, Lorraine, fa-F	Provo
Boyack, Archie R., ss-G	Lovell, Wyo.
Boyack, Clifton D., fa-J	Delta
Boyack, Halden, c-F	Delta
Boyce, LaRue, c-F	Provo
Boyd, Walter G., c-J	Oakland, Calif.
Boyer, Fern, a-J	Springville
Boyer, Erwin, e-F	Silver City
Boyer, Helen, e-S	Springville
Boyer, Louise, Sp	Provo
Boyer, Margret, fa-So	Provo
Boyle, Sydney W., e-F	Provo
Bradshaw, Wm. Ray, c-S	Hurricane
Brady, Ed. L., e-S	Castle Dale
Brady, Leo J., a-So	Manassa, Colo.
Brady, Millard F., c-J	Manassa, Colo.
Bramwell, Wendell, c-S	Ogden
Brand, Virginia J., e-F	Chicago, Ill.
Brasher, Kirk, ap-J	Huntington
Braun, Gordon E., a-S	Ogden
Breinbolt, Herbert C., fa-F	Provo
Briggs, Vella, ap-J	Pocatello, Idaho
Bright, Lynn T., fa-S	Lewiston
Brimhall, Clifton, ss	Spanish Fork
Brimhall, A. DeVoe, c-So	Provo
Brimhall, L. Elaine, a-So	Shoshone, Idaho
Brimhall, W. Smoot, ap-So	Provo
Brinkerhoff, Helen C., e-F	Emery
Brinley, Eldon, ss-G	Pleasant Grove
Brinley, J. Harold, ss	Las Vegas, Nev.
Brinley, Vera L., ss	Las Vegas, Nev.
Broadbent, David A., ss	Heber
Broadbent, Emer E., c-F	Heber
Broadbent, Lynn, fa-S	Provo
Broadbent, Mary, ap-J	Heber
Broadbent, Maurice, fa-F	Provo
Broadbent, Mima, e-So	Heber
Broadbent, Naomi, ss	Heber
Broadbent, Roy, c-So	Heber
Broadbent, Thomas L., e-J	Ogden
Brockbank, Ila, ss	Provo
Brockbank, Starr L., a-So	Spanish Fork
Brockbank, Joseph A., G-ss	Spanish Fork
Bromley, Clarice, Sp	American Fork
Bronson, Doris L., c-F	Murtaugh, Ida.
Brooksby, Irene, ap-So	Fredonia, Ariz.
Brough, Euniece, fa-F	Nephi
Brower, Melba, c-F	Salt Lake City
Brown, Aaron G., c-So	Salt Lake City
Brown, Almon L., G-ss	Pocatello, Ida.
Brown, Eleanor, e-F	Sandy
Brown, Fay, Sp	Provo
Brown, Fay, c-So	Spanish Fork
Brown, Frank K., ss-a-Un	Salt Lake City
Brown, Helena D., e-So	Ogden
Brown, Glenn W., a-Un	Springville
Brown, Jack, fa-J	Manti
Brown, Kate, Sp	Provo
Brown, La June, ap-So	Salt Lake City
Brown, Lawrence, c-Un	Provo
Brown, Loa, c-F	Spanish Fork
Brown, Mary, ap-S	Grantsville
Brown, Mary M., a-F	Salt Lake City
Brown, Roy J., c-J	Pleasant Grove
Brown, Zelma D., e-J	Pleasant Grove
Browning, Claramay, ss	Ogden
Browning, Eva R., ss	Ogden
Bruce, Winona M., ss	Afton, Wyo.
Brugger, Gwen, ss-ap-S	Venice
Brunt, Clarice, ss-e-S	Idaho Falls, Ida.
Brunt, Paul S., c-Un	Idaho Falls, Ida.
Brunt, Zona, a-F	Idaho Falls, Ida.
Bryner, Louis P., a-So	Helper
Bryson, Eugene D., G	Bountiful
Buchanan, Afton, fa-F	Venice
Buchanan, Clarence E., fa-Un	Venice
Buchanan, Jesse L., a-F	Roosevelt
Buckley, Gerald, a-F	Provo
Buckley, Margaret, a-So	Provo
Buckwalter, Lu Rae, fa-So	American Fork
Buggert, Anneliese F., a-F	Provo
Bullock, Cecil I., c-F	Pleasant Grove
Bullock, Thomas S., a-F	Provo
Bullock, B. Vern, c-F	Provo
Bunderson, Grant V., a-So	Mayfield

- Bunderson, Leila V., e-S Emery
 Bunker, S. Bertell, c-S Provo
 Bunker, Francis L., a-F Rox, Nevada
 Bunnell, Elvin W., a-S Provo
 Bunnell, Morris T., e-S Mt. Pleasant
 Burch, Leone, e-F Pleasant Grove
 Burgess, Lucretia ss-fa-So Ogden
 Burgess, Reid C., c-F Alpine
 Burnside, Edith, ss Driggs, Idaho
 Burr, Gerald D., ap-S Provo
 Burr, Virginia, c-F Provo
 Burton, Alva G., e-F Afton, Wyo.
 Burton, Betty, ap-F Salt Lake City
 Burton, Jack E., ap-F Provo
 Butler, Cloris, e-So Tetonia, Idaho
 Butler, Durwood S., a-Un Driggs, Ida.
 Butler, Oral C., Sp Provo
 Bush, Emma, ss Pleasant Grove
 Butt, Ethel C., G Provo
 Butterfield, T. Ellis, a-F Riverton
 Bylund, Dagmar, Sp Provo
- Cahoon, Leon A., a-So
 Leavitt, Alta, Canada
 Caine, Helen, ss Idaho Falls, Idaho
 Calder, Helen, ap-J Vernal
 Calder, Weldon H., a-F Vernal
 Call, A. Alwyn, ss Salt Lake City
 Call, Benjamin E., fa-F Brigham City
 Call, Evan P., c-Un Afton, Wyo.
 Call, Ivan L., G Afton, Wyo.
 Call, Marius A., c-F Afton, Wyo.
 Call, Tracey G., a-So Afton, Wyo.
 Call, Vee, a-So Bountiful
 Callan, O'Enone, e-So Preston, Ida.
 Callahan, Frances G., Sp Provo
 Callahan, W. Guy, a-J Provo
 Callahan, Sterling, fa-F Provo
 Callis, Laura, e-J Atlanta, Ga.
 Callis, Pearl, ap-F Atlanta, Ga.
 Cameron, Dave, ss-a-Un Panguitch
 Campbell, Della J., ss Preston, Ida.
 Campbell, Henry A., c-So Provo
 Campbell, Roald F., ss-Sp
 Preston, Idaho
 Candland, Helen, ss Provo
 Candland, Willis E., a-S Provo
 Cannon, Anthon S., ss-Sp Farmington
 Cannon, Edith, ap-F Bountiful
 Cannon, Hugh S., c-So Farmington
 Cannon, Kenneth L., ap-J
 Salt Lake City
 Cannon, Mary P., ss-G Blackfoot, Ida.
 Cannon, Rowland M., a-So
 Ames, Iowa
 Cardall, Hannah J., Sp Provo
 Carlile, Maurine, e-F Kamas
 Carlile, Rulon G., a-F Heber City
 Carlson, Iva, ss-G American Fork
 Carr, William C., e-S
 Auckland, New Zealand
 Carrigan, William J., a-S Peterson
 Carroll, Charles T., G Provo
 Carter, Allan J., a-S Helper
- Carter, Kenneth S., a-F Provo
 Carter, Norval, ap-F Lehi
 Cartwright, Aubra, e-S Beaver
 Catmull, Ferrill B., e-F Rupert, Ida.
 Catmull, Grant L., a-So Rupert, Ida.
 Cave, Phillip W., a-F American Fork
 Cazier, Alvin A., ap-So Ely, Nevada
 Chadwick, Barratt M., a-F
 American Fork
 Chadwick, Effie M., G-ss Yost, Utah
 Chandler, Jesse S., a-S
 Thatcher, Arizona
 Chappell, W. LaVon, Sp Lyman
 Chapple, Max, c-F Spanish Fork
 Chapman, H. Whitney, e-F
 Bluewater, New Mexico
 Chase, Dorothy, e-F Nephi
 Chatwin, Gilbert, c-So Salt Lake City
 Checketts, Norine, e-So Bear River
 Childs, Florence M., ss Provo
 Childs, Gilbert E., ss-Sp Provo
 Childs, Helen, fa-F Bancroft, Idaho
 Chipman, Paul W., a-So
 American Fork
 Christensen, Arthur C., a-F Mohrland
 Christensen, Aurlene I., c-F Salem
 Christensen, W. Blake, a-So Price
 Christensen, Clinton H., ss Mayfield
 Christensen, Cornell T., G
 Rexburg, Idaho
 Christensen, Fern, a-F Richfield
 Christensen, Golda A., e-So
 Manassa, Colorado
 Christensen, Harold T., a-J
 Rexburg, Idaho
 Christensen, Helen, ap-S Provo
 Christensen, Ione, ss Redmond
 Christensen, LaVon A., ss Salina
 Christensen, Leon N., c-S
 Brigham City
 Christensen, Mae, c-F Richfield
 Christensen, Maza, fa-F Richfield
 Christensen, Merlin G., ss
 Mt. Pleasant
 Christensen, Nephi A., ss-G Provo
 Christensen, Opal, a-J Redmond
 Christensen, Paul D., ap-F
 American Fork
 Christensen, Phil, fa-J Provo
 Christensen, Rowena, fa-F Provo
 Christensen, Ruby, e-So Lehi
 Christensen, Ruth J., ss Provo
 Christensen, Stanley W., e-So
 Salt Lake City
 Christensen, Vaughn L., a-F
 Kirtland, New Mexico
 Christensen, Velma L., ap-F
 Tucson, Arizona
 Christianson, James W., ss-Sp
 Spanish Fork
 Christianson, Louise, a-So
 Pleasant Grove
 Christianson, Merle, ss Ibabah
 Christison, Merritt R., c-F Nephi

- Clark, Alta, ssEtna, Wyoming
 Clarke, Bertha E., e-J.....American Fork
 Clark, Boyce R., a-SoMorgan
 Clark, Cecile, ap-SoProvo
 Clark, Ezra T., c-F.....Bountiful
 Clark, Ernest R., ssAfton, Wyo.
 Clark, Gean, GProvo
 Clark, Hazel, ssEtna, Wyoming
 Clark, Helene, GSpringville
 Clark, Harold L., c-F.....Pleasant Grove
 Clark, Helen, fa-FMilford
 Clark, James R., e-FGrantsville
 Clark, Lucius, ss-GIdaho Falls, Ida.
 Clark, Mary, fa-JOgden
 Clark, Richard H., c-FProvo
 Clark, Riley G., SpProvo
 Clark, Ruth, e-JParowan
 Clark, Sibyl, e-SoGrantsville
 Clarke, Thomas P., ss-a-S
Tolaga Bay, New Zealand
 Clark, Verla, ssIdaho Falls, Ida.
 Clark, Walter J., a-FBerkley, Calif.
 Clark, H. Winona, fa-FProvo
 Clayson, Jen J., ssSpanish Fork
 Clayson, Joseph H., a-FAm. Fork
 Clayton, Dorothy V., ap-JProvo
 Clegg, Fred W., a-JProvo
 Clegg, Lowell F., a-FProvo
 Clegg, Theron J., c-FBlackfoot, Ida.
 Cloward, R. Dell, e-FMonroe
 Cluff, Emma V., SpProvo
 Coburn, Oscar V., ssOgden
 Cochran, Paul, a-JProvo
 Coffin, Carma, e-So.....St. Anthony, Ida.
 Coffman, W. Elmo, GSpringville
 Coleman, Maud T., fa-FMidway
 Collard, Rea Z., a-FProvo
 Collett, Farrell R., G-ss
Montpelier, Idaho
 Collier, Vernon, ss-fa-FVernal
 Collins, Don, a-SoProvo
 Colton, Bernice, c-FProvo
 Colton, Chas. Henry, ssVernal
 Colton, Lorna, a-FProvo
 Colton, Lulu, c-FRoosevelt
 Colton, Ruth, c-FRoosevelt
 Colvin, Harold A., GProvo
 Colvin, Nellie, e-SSalt Lake City
 Comer, Nola M., c-FLehi
 Comish, Alison, e-SEugene, Oregon
 Condon, David, GProvo
 Conder, Vera H., e-SProvo
 Condie, Lenore a-FSpringville
 Condie, LeRoy, e-SSt. George
 Condie, Marguerite S., a-JProvo
 Condie, Vernon C., ap-SSpringville
 Connell, William, ss-SpProvo
 Conover, S. Elizabeth, ap-SProvo
 Conover, Hattie H., SpProvo
 Cook, Carl, SpProvo
 Cook, Freda, fa-FProvo
 Cook, Helen, fa-SParis, Idaho
 Cook, LaBerle, ap-FVernal
 Cook, Kermit, c-FFountain Green
 Cook, Wayne F., a-F.....Salt Lake City
 Cook, Zelpha, ap-SoVernal
 Coombs, Dora, e-JFairview
 Coombs, Esther, GFairview
 Coombs, Mark V., ssLogan
 Coombs, Retta, e-S
Cardston, Alta., Canada
 Coon, Clifton J., e-F
Glenn's Ferry, Idaho
 Coons, Anna Dee, e-FRichfield
 Cooper, Marjorie, fa-FMurray
 Cooper, Sherman, ss.....Washington, Ut.
 Cooper, Wesley M., a-F.....Overton, Nev.
 Cope, Melba L., fa-FRichfield
 Cordner, Reva, c-SoProvo
 Cornaby, Afton, c-FSpanish Fork
 Cottam, Earl B., ap-SProvo
 Cottam, Ramona F., ssProvo
 Cottam, Rulon, e-SSt. George
 Cowan, R. Thomas, a-FNephi
 Cowley, Edwin J., ss-Sp
Salt Lake City
 Cowley, Virgia M., ssEphraim
 Cowley, Wayne A., GVenice
 Cox, C. Dee, fa-JBlackfoot, Idaho
 Cox, Nellie, a-JSt. George
 Cox, Ruby, e-SoProvo
 Cox, William A., GProvo
 Crafts, Mary E., GDeseret
 Cragun, Oralie K., GSmithfield
 Cragun, Rumel, c-FPleasant Grove
 Crandall, Lars G., c-FProvo
 Crandall, Sterling M., c-F.....Springville
 Crandall, Wanda, fa-FPeoa
 Crane, Brig, c-SoRiverton
 Crane, Joseph W., fa-JSalina
 Crane, Norma, c-FProvo
 Crane, Reed, c-JHerriman
 Crane, Ruth L., a-SoProvo
 Crawford, George L., ap-F
American Fork
 Crawley, Margaret, c-FProvo
 Creer, Wm. Edward, a-S
Spanish Fork
 Croft, Merrill W., a-SoProvo
 Croft, Reginold B., a-FLovell, Wyo.
 Croft, Roma R., e-SoLovell, Wyo.
 Crookston, Earl, a-JAmerican Fork
 Cropper, Ladd, fa-SoDelta
 Cropper, Sebrina, a-SoDelta
 Cropper, Wayne, e-JDeseret
 Crosby, Lena, c-UnProvo
 Crosby, Vivian, c-UnProvo
 Crowther, R. Eldon, GProvo
 Crowther, Nelda B., ap-JProvo
 Crusier, Charles M., ss
St. Anthony, Idaho
 Cullimore, Odessa A., a-JProvo
 Culmse, Edna B., GProvo
 Cummings, Leona, ssBrigham City
 Cummings, Richard F., a-FProvo
 Cummings, Sarah B., SpProvo
 Curtis, Lillian R., ssSalem
 Curtis, Richard, a-F.....Idaho Falls, Ida.

Cutler, Betty, ap-SSalt Lake City
 Dahl, Marvin J., ap-FMidvale
 Dahle, William C., c-F.....Spanish Fork
 Dahlquist, Mary, a-J-ssProvo
 Dalton, Margaret, fa-FSandy
 Dame, Bonnie, c-SoFillmore
 Dana, Naomi, ssMesa, Arizona
 Dangerfield, M. Grace, ss-GProvo
 Dangerfield, Harold D., a-JProvo
 Dase, Sam C., fa-FLas Vegas, Nev.
 Dastrup, Dona, ss-e-F.....Thatcher, Ariz.
 Davies, Edward E., ap-SProvo
 Davies, Jack T., SpProvo
 Davies, Ray S., fa-SoProvo
 Davis, Ariel R., a-SoProvo
 Davis, Katherine, e-SoProvo
 Davis, Nathan L., a-FProvo
 Davis, Ross B., c-SoSpanish Fork
 Davis, Warda, e-FPreston, Idaho
 Day, Leo D., c-FOasis
 Day, Neil J., e-FIdaho Falls, Ida.
 Dean, Ernest H., ap-So
American Fork
 Dean, Harry A., ss-GProvo
 Dean, John O., ap-J.....American Fork
 Dean, Joseph M., fa-FHeber City
 Decker, Alma V., GProvo
 Decker, Glenaveve, a-So
Snowflake, Arizona
 Decker, James B., a-S
Kirtland, New Mexico
 Decker, Webster, a-F
Kirtland, New Mexico
 DeGraff, Dale C., fa-FHeber City
 DeGraff, Elaine, fa-SoHeber City
 DeJong, Rosabelle, ss-SpProvo
 DeLange, Talmage Y., ss-e-S
Kooshareem
 DeLoney, Wilma J., fa-F
Jackson, Wyoming
 Despain, Dale I., a-SoLovell, Wyo.
 Despain, Joseph W., a-FSandy
 Dewsnup, Winona, e-JDeseret
 Dickson, Donald F., c-F.....Rupert, Ida.
 Dickson, Ned B., ap-So.....Cowley, Wyo.
 Dickson, Newell D., ap-F
Cowley, Wyoming
 Dillman, Isabelle, e-FVernal
 Dimick, Cecil I., ss-ap-So.....Mohrland
 Dimick, Dan R., GNampa, Idaho
 Dimick, Mildred Housley, e-S
St. Anthony, Idaho
 Dimond, C. Lloyd, fa-FMidvale
 Dix, DeVau, e-SoProvo
 Dix, Mary E., ssProvo
 Dixon, Allie, ssProvo
 Dixon, Amy L., c-FProvo
 Dixon, Edith, ap-FProvo
 Dixon, Electa S., SpProvo
 Dixon, Harry, c-SoProvo
 Dixon, Helen, ap-FProvo
 Dixon, Howard B., a-SoProvo
 Dixon, Lucile K., SpProvo
 Dixon, Maurine, ss-ap-JProvo
 Dixon, Mildred, c-SProvo

Dixon, Ralph, a-FProvo
 Dixon, Ronald, c-FProvo
 Dixon, Ruth, c-UnSalt Lake City
 Dixon, Stella, ap-FProvo
 Domina, John C., a-JAberdeen, Ida.
 Done, W. Edwin, a-J.....Salt Lake City
 Done, Otto, e-SoTucson, Arizona
 Downs, Elvin, ap-SoProvo
 Draper, Everett C., ss.....Salt Lake City
 Draper, Leona, ssOgden
 Draper, Stella J., SpProvo
 Driggs, Norval A., c-F.....Pleasant Grove
 Dudley, Lyndon L., e-J.....Spanish Fork
 Dudley, Lynne H., a-FJensen
 Dudley, Marian, c-FRandlett
 Duersch, Mary, e-FDriggs, Idaho
 Duffin, Marion F., ap-F
Aberdeen, Idaho
 Duke, Alma H., a-FHeber City
 Duke, Harold, ss-GHeber City
 Duke, Kenneth L., a-SoHeber City
 Duke, Lela, e-SoProvo
 Duke, Marden, a-FHeber City
 Duke, Merrill Y., a-FProvo
 Duke, Morris E., a-SoProvo
 Duncan, Ione, ss-GSalt Lake City
 Dunford, Rae B., ss.....Georgetown, Ida.
 Dunn, Edgar H., e-F.....Manassa, Colo.
 Dunn, Ina, e-FManassa, Colo.
 Dunkley, LeGrand J., ap-So
Whitney, Idaho
 Durrant, James E., e-F
American Fork
 Durrant, Rubye B., ss-ap-SProvo
 Durrant, J. Russell, c-FProvo
 Earl, A LaVon, a-J.....American Fork
 Eastmond, Elbert John, ss-a-F.....Provo
 Eastmond, Jean E., fa-F
Salt Lake City
 Eastmond, Thomas H., a-SoProvo
 Eaton, Roma, c-FVernal
 Eberhard, Ernest Jr., e-J.....Melba, Ida.
 Edgley, Farris L., fa-J.....Pocatello, Ida.
 Edmunds, Olive, fa-SChicago, Ill.
 Edwards, Clara, ap-JCharleston
 Edwards, James E., ap-FLehi
 Edwards, Luther A., ap-FFerron
 Egbert, Anna R., G-ss-G.....Lewiston
 Eggertsen, Geraldine, fa-F.....Springville
 Eggertsen, Mrs. L. E., SpProvo
 Eggertson, Simon P., GProvo
 Eitel, Leona L., fa-F.....Salt Lake City
 Ekins, Virginia L., fa-JProvo
 Eklof, Genevieve S., ssEureka
 Ellett, Robert, ap-FSpanish Fork
 Elliott, M. Vilate, ss-SpProvo
 Ellis, D. Merrill, a-FWellington
 Ellsworth, Edna, a-So.....Lewisville, Ida.
 Ellsworth, Genevieve, ssPayson
 Ellsworth, Helene W., SpProvo
 Ellsworth, Marjorie, ap-S
Lewisville, Idaho
 Ellsworth, Russell S., a-F
Denver, Colo.
 Elmer, E. Leon, e-FPayson

Empey, Phillip H., a-F	Ogden
Ennis, Marguerite, e-F	Eagar, Ariz.
Ercanbrack, Julia, Sp	Provo
Erickson, Arval, c-J	Rexburg, Idaho
Erickson, LaRue, a-F	Provo
Erickson, J. Margaret, ss	Murray
Ericksen, Ralph A., fa-S	Mt. Pleasant
Erickson, William S., ss .....	.....
.....	Lewisville, Idaho
Eskelson, David W., ss	Devil's Slide
Eskelson, DeVan O., c-F	Kamas
Evans, Bud, a-So	Spanish Fork
Evans, Edmund E., G-ss-G	Payson
Evans, Edmund M., e-F .....	.....
.....	Salt Lake City
Evans, Howard C., c-So	Lehi
Evans, Jayne A., fa-S	Spanish Fork
Evans, Jennings D., c-So .....	.....
.....	Spanish Fork
Evans, Martha, Sp	Provo
Evans, Oakley S., c-J .....	.....
.....	Anaconda, Montana
Evans, Orville Lee, c-So	Lake Shore
Evans, Ruth, c-So	Raymond, Idaho
Eyring, Fern C., ss	Provo
Fahring, Ray L., c-J	Helper
Fairbanks, Fern S., fa-F .....	.....
.....	Caldwell, Idaho
Fairbanks, Thera, c-F	Salt Lake City
Farnes, June, fa-F .....	.....
.....	Twin Bridges, Montana
Farnsworth, Delin, Sp-ss	Circleville
Farnsworth, Emma, fa-Un .....	.....
.....	Salt Lake City
Farnsworth, Hatch, c-F	Provo
Farrar, Helen A., e-So	Sandy
Farrell, Helen, ss	Butte, Montana
Farnworth, Viola, ss	Provo
Faucette, Kenneth G., ap-F .....	.....
.....	Sanford, Colorado
Faucette, Reese E., a-So .....	.....
.....	Sanford, Colorado
Fautin, Reed W., a-So	Provo
Favero, J. Dewey, ss-e-J	Hooper
Feast, Howard F., a-J	Center, Colo.
Fechser, Clyde I., G-ss-Sp	Provo
Fechser, Estella, ap-J	Moroni
Fechser, Ida, fa-F	Provo
Fielding, Hazel L., c-J	Shelley, Ida.
Fillmore, Belle, e-J	Richfield
Fillmore, Winston J., a-F	Richfield
Finch, Henry, c-J	Spanish Fork
Finch, Ray H., ap-F	Spanish Fork
Finch, Shirley, ss	Goshen
Finlayson, Lela, e-So	Provo
Firmage, Edwin R., c-So	Provo
Firmage, William R., c-F	Provo
Firmage, William K., c-J .....	.....
.....	Spanish Fork
Fish, Joseph S., ss-G	Lovell, Wyo.
Fish, Lalovi, a-F	Snowflake, Ariz.
Fish, Margaret, G	Snowflake, Ariz.
Fisher, Asael H., ss-Sp	Provo
Fisher, Flora D., ss-Sp	Provo
Fisher, J. Dean, G	Provo
Fischer, Wilford A., a-F .....	.....
.....	Sacramento, California
Fitzgerald, Annie, ss	Draper
Fitzgerald, Harold J., G	Draper
Fitzgerald, Heber A., ss-G	Lehi
Fitzgerald, Myrtle K., ss	Lehi
Fitzgerald, Sarah, ap-F	Draper
Fletcher, Clele J., c-F	Springville
Folster, Maxine E., ap-F	Moab
Ford, Velma, c-F	Wallsburg
Fordham, Alton, a-J	St. George
Forsyth, F. Howard, e-J .....	.....
.....	Cardston, Alta. Canada
Fortie, Jowett A., ss	Mt. Emmons
Foster, Francis, c-J	American Fork
Foulger, Walt E., fa-J	Ogden
Foutz, Russell, c-So .....	.....
.....	Fruitland, New Mexico
Fowlke, LeGrande, ap-F .....	.....
.....	Pleasant Grove
Fowler, Melva I., G-ss	Reno, Nevada
Frandsen, Ernest, G-ss-Sp	Provo
Frandsen, Richard E., a-F	Provo
Frandsen, Calvin E., e-So	Redmond
Francom, Paul, a-F	Levan
Franson, Everett, fa-F	Oakley
Frazier, Verness W., e-J	Oakley
Freestone, Norman W., fa-J .....	.....
.....	Mesa, Arizona
Freestone, Victor J., a-F .....	.....
.....	Los Angeles, California
Friel, Gloria, fa-So	Springville
Frost, Clyde M., a-S	Coalville
Frost, T. Leland, e-S	Ephraim
Fugal, Genevieve, e-S	Pleasant Grove
Fugal, Neil, a-J	Pleasant Grove
Fujiwara, Takeo, G-ss-G .....	.....
.....	Sapporo, Japan
Fullmer, Bert L., ap-J	Springville
Furlong, Arlo L., G-ss	Cedar City
Gadd, Harold, c-Un	Nephi
Gamett, LaVell C., ap-J .....	.....
.....	Pleasant Grove
Gamett, Wayne A., ap-F .....	.....
.....	Pleasant Grove
Gardner, Beatrice T., ss	Afton, Wyo.
Gardner, Fawn G., e-F	Neola
Gardner, Fern, c-So	Provo
Gardner, Lincoln B., e-F	Afton, Wyo.
Gardner, Marguerite, e-So .....	.....
.....	Spanish Fork
Gardner, May, c-F	Delta
Gardner, Merline, fa-F .....	.....
.....	American Fork
Gardner, E. Ray, G-ss-Sp .....	.....
.....	American Fork
Gardner, Ivin E., ss	Salem
Gardner, Russell M., ss	Levan
Gardner, Wallace, c-So	Spanish Fork
Gardiner, F. G., ss	Panguitch
Gardiner, Thelma, G-ss	Panguitch
Garner, Afton E., c-F	Rupert, Ida.
Garner, Hazel A., ap-Un	Provo

Geary, Charles C., G-ssMorgan
 Geary, Elmo G., c-JHuntington
 Gee, Ivin S., ssRexburg, Idaho
 Gee, Lynn L., ss-a-JPocatello, Idaho
 Gee, Pearl S., ssRexburg, Idaho
 Gee, Zenna, c-SoBurley, Idaho
 Geertsen, O. Norman, GOgden
 George, Leslie R., a-F
Bluewater, New Mexico
 Geslison, Byron T., a-So.....Spanish Fork
 Gessford, Elizabeth A., SpProvo
 Gessford, Marguerite F., SpProvo
 Gibb, Jack R., e-So.....Portland, Oregon
 Gibbons, Leona, a-JSt. Johns, Ariz.
 Giddings, Ruthe, a-So.....American Fork
 Gilchrist, Elma V., G-ssProvo
 Gilchrist, Georgia E., c-FProvo
 Giles, Clara, SpProvo
 Giles, Earl, e-FHeber City
 Giles, Fred N., ap-SoProvo
 Gillespie, George S., c-JTooele
 Gillies, Gaylord, a-FProvo
 Gines, Erma, ssRoosevelt
 Gines, Ned L., fa-FRoosevelt
 Gledhill, Preston, a-FRichfield
 Goates, Rose, SpProvo
 Goetzman, Gene E., ap-SoPrice
 Goodman, Billie, ss-fa-SoProvo
 Goodrich, Floyd C., a-FBluebell
 Goodrich, Ruth, e-SoVernal
 Goold, R. Franklin, G-ssProvo
 Gordon, Glen H., c-J.....American Fork
 Gourley, George, e-So-ss
Pleasant Grove
 Gourley, Lee M., e-FPleasant Grove
 Gourley, Maurine, e-J.....Pleasant Grove
 Gourley, David, ss-GPleasant Grove
 Gourley, Gertrude D., ss-G
Pleasant Grove
 Graff, Marvin H., e-JSanta Clara
 Graff, Sylvan, e-SSanta Clara
 Graham, Ellis R., GFairview
 Green, Forace G., a-SoSandy
 Green, Ida G., ssSalt Lake City
 Green, Leola D., e-SoBoise, Idaho
 Green, Maud, e-SoBoise, Idaho
 Greenhalgh, Rex L., a-FSantaquin
 Greenwood, Donald B., a-FSandy
 Greenwood, Lois, e-J.....American Fork
 Greer, Faun, e-JProvo
 Greer, Faye, ss-e-FProvo
 Greer, Grant, a-JWallsburg
 Griffin, Charles L., ssEscalante
 Griffith, Dorothy, e-FLake Point
 Griffith, Melvin, e-SLake Point
 Grimes, A. Milton, ap-FProvo
 Grimmitt, Arch T., G-ssMenan, Ida.
 Grimmitt, Francis B., c-F
Moreland, Idaho
 Grimmitt, Marilla G., ss.....Menan, Ida.
 Grimmette, Richard, e-F
Moreland, Idaho
 Groberg, LeRoy B., G-ssBicknell
 Groesbeck, Lue S., e-So
American, Fork

Groneman, Orvilla B., SpProvo
 Grotegut, LaMar, e-JSpanish Fork
 Grow, Katherine J., a-S
Cardston, Alta, Canada
 Grow, Mary L., Sp
Cardston, Alta, Canada
 Grow, David S., c-S
Cardston, Alta, Canada
 Grow, Stewart L., c-J
Cardston, Alta, Canada
 Grua, Suzanna M., ss.....Pleasant Grove
 Gudmundson, J. Keith, c-So
Springville
 Gunn, Stanley R., G-ssBeaver
 Gunnell, Gerald, a-FGrace, Idaho
 Gunnell, Halden P., a-F.....Grace, Idaho
 Gunther, Eva, ssLehi
 Gunther, Orville C., a-UnLehi
 Guptill, Marion S., e-SoSmithfield
 Gurney, Francis J., G-ssEphraim
 Hacking, Berniece, e-SoCedar Valley
 Hacking, Junius P., c-FVernal
 Hacking, Leo E., c-FVernal
 Hacking, Mary H., c-FVernal
 Hacking, Reed, c-UnProvo
 Hadley, Lloyd T., ss-GOgden
 Hagan, Theresa, fa-FSpanish Fork
 Hale, Nathan, e-FBlackfoot, Idaho
 Hale, Pearl V., ssMcCammon, Ida.
 Hales, Belle W., ssProvo
 Hales, Mima, ssSpanish Fork
 Hall, Ansel, a-FEagar, Arizona
 Hall, Clarisse H., ssOgden
 Hall, Maurice B., a-FSantaquin
 Hallam, Marie, e-FSpanish Fork
 Halladay, W. Meeks, fa-FCircleville
 Halliday, Naomi E., ss-ap-J
American Fork
 Halling, Lee J., a-FSalt Lake City
 Hamblin, Lawson O., a-J
Phoenix, Arizona
 Hamilton, Don P., a-F
Sugar City, Idaho
 Hammond, Ethel, fa-UnMonticello
 Hammond, Helen, a-FMonticello
 Hammond, W. Kay, a-SoMoab
 Hammond, May C., ss-SpProvo
 Hammond, Maxine, ssAshton, Ida.
 Hammond, Merrill C., a-SProvo
 Hammond, Roy B., a-SoProvo
 Hanks, Chas. Lynn, SpSalem
 Hanks, E. Wayne, c-JTooele
 Hansen, Alene, a-FMonticello
 Hansen, Alma W., a-FOgden
 Hansen, Barbara, ssRexburg, Idaho
 Hansen, Basil C., GLehi
 Hansen, Caroline A., ss-SpProvo
 Hansen, Christella, e-FBoulder
 Hansen, Edward L., ssCoalville
 Hansen, Elda, SpRichfield
 Hansen, Elfie M., e-SoLehi
 Hansen, Floy, e-SRichfield
 Hansen, Glenn W., a-JRichfield
 Hansen, Harold J., ssRains

Hansen, Ilda O., c-Un	Hatch, Keith R., Sp	Spanish Fork
.....Los Angeles, California	Hatch, Leah A., ss	Salt Lake City
Hanson, Leda P., ap-Un	Hatch, Lila, ss	Provo
.....Pleasant Grove	Hatch, Norma, Sp	Provo
Hanson, Lester, Sp	Hawke, Don W., ap-F	Provo
Hansen, Margaret H., G	Hawkes, F. Pratt, Sp	Preston, Idaho
Hanson, Neva, e-So	Hawley, Eldon B., a-F	Oasis
Hansen, Phil H., a-J	Hawley, Ruth, e-F	Roosevelt
Hansen, Rex S., a-F	Haws, Bill, a-J	Provo
Hansen, Robert E., c-So	Haws, Lois, ap-F	Provo
Hansen, Ruby, ss-e-So	Haws, Lucille, e-So	Provo
Hansen, Theresa M., c-F	Haycock, Wm. Dwight, a-F	Benjamin
Hansen, Virgil, c-F	Hayes, Floyd E., a-F	Salt Lake City
Hanson, Wm. F., ss-Sp	Hayes, Lottie H., ss-G	Provo
Hansen, Wyroa, ss	Hayes, Rex E., a-Un	Provo
Hanson, Zula, e-J	Hayes, Sheldon P., ss-a-S	Provo
Hardy, D. Elmo, a-F	Haynie, Irene, ap-S	Salt Lake City
Harding, Eldon A., ss-e-J	Hayward, D. Willard, c-F	Rupert, Ida.
Harding, Frank E., c-F	Heal, Stanley H., c-F	Provo
Harding, Marion E., c-Un	Healy, Carson R., fa-F	Magna
Harding, Phebe E., ss	Henderson, Yvonne, fa-F	Provo
Harding, Zella, c-F	Heninger, Van Eliot, ss	Ogden
Hardman, Anna M., e-F	Heslington, Melbourne, ss	Milford
Hardman, Minnie L., e-F	Hetrick, Helen L., a-So	Dayton, Ohio
Harmer, Dorothy, a-F	Hettig, T. David, ss-G	Tonga Islands
Harmer, Elizabeth, c-So	Hiatt, Maron R., a-F	Heber City
Harper, Laurel, ap-F	Hiatt, Mertie H., ss-Sp	Provo
.....Sacramento, California	Hibbert, Dave D., ss-c-So	Mesa, Ariz.
Harper, R. Weston, e-F	Hicken, Nelda, fa-F	Heber City
Harris, Alvin, ss	Hicken, Roy P., ap-F	Heber City
Harris, M. Anna, Sp	Hickman, L. Ione, ap-So	Garfield
Harris, Arlene, G	Higgs, Alice M., Sp	Provo
Harris, Carl J., G-ss-G	Higgins, Ronald G., c-F	Provo
Harris, Chauncy D., G	Hill, Clarence A., fa-F	Salem
Harris, Elna M., a-S	Hilton, Arda, ap-F	Hinckley
Harris, F. Estella, Sp	Hilton, Helen, e-So	Hinckley
Harris, Gwendolyn N., c-F	Hinckley, Cloid, a-J	Rexburg, Idaho
Harris, Helen, ap-F	Hirst, W. Harold, a-F	Provo
Harris, Madge, ss-ap-J	Hodson, Afton, e-So	Provo
Harris, Maureen, c-So	Hodson, Marva, G-ss	Provo
Harris, Richard P., G	Hodson, Rosemary, e-F	Provo
Harris, Wayne, e-S	Hodson, Waldo G., G	Provo
Harrison, Bertrand F., G	Hoffman, Ida J., c-So	Springville
Harrison, Brigham H., e-Un	Holbrook, Elizabeth, fa-So	Provo
.....Manassa, Colorado	Holdaway, Alene, e-S	Provo
Harrison, Edith, Sp	Holdaway, Lyle, c-F	Provo
Harrison, Everett L., c-F	Holdaway, Marjorie, ss	Pleasant Grove
Harrison, Jean, Sp	Holfert, Alfred R., a-F	Provo
Harrison, Lorna J., G	Holland, Edward D., a-Un .....	.....Cardston, Alta, Canada
Harrison, Maurine, e-So	Holley, Wayne D., fa-So	Mapleton
Harrison, Walter F., ss	Holley, Uda R., ap-J	Mapleton
Harston, Clarence B., ap-So	Holindrake, George M., a-So	American Fork
.....Cowley, Wyoming	Holindrake, Vernon, ap-So	American Fork
Harston, Miles B., ap-F	Holman, Vance M., a-So	American Fork
.....Cowley, Wyoming	Holt, Lois, e-J	Thornton, Idaho
Hart, V. Blaine, a-F	Hone, Velda, fa-F	Provo
Hart, Chas. Jas., G	Hooks, Bertha, G	Provo
Hart, Clarice H., ap-S	Hooks, Gladys, a-S	Provo
Hart, R. Kay, c-J	Horne, John H., a-F	Mesa, Arizona
Haslam, William H., c-S	Hougaard, Georgia, ap-S	Manti
Hasler, J. William, a-J		
Hasting, Emmeline, fa-So		
.....Mesa, Arizona		
Hatch, Bradford, ap-J		
Hatch, Harmon R., fa-J		
.....Spanish Fork		

Huntsman, Ralph, G-ss
Bunkerville, Nevada
 Hurst, Henry, a-SoBlanding
 Hutchinson, Grant A., ap-J
Salt Lake City
 Hutchinson, J. Marvell, c-J
Salt Lake City
 Hutchings, Harold C., a-FLehi
 Hutchings, Loman F., a-SSpringville
 Hutchings, Rowena, e-SSpringville
 Hutchings, Theron B., GMidvale

Ingersoll, M. Leigh, ap-J
American Fork
 Ingersoll, Rex M., ap-J
American Fork
 Ipson, Nello P., c-SPanguitch
 Irwin, George W., a-So
Raymond, Washington
 Iverson, Martin H., e-J
Washington, Utah
 Iverson, Myrtle M., a-SpProvo
 Ivins, Bertha H., ss-ap-SpProvo
 Ivins, Fawn, G-ssLund, Nevada

Jackman, Golden L., ss-fa-SpSalem
 Jackson, Ellen, e-JProvo
 Jackson, Elvon G., c-SoProvo
 Jackson, Joseph R., fa-SpProvo
 Jackson, Josephine, fa-F
Manassa, Colorado
 Hougard, Virginia, ap-SManti
 Houston, Alice, a-JLovell, Wyo.
 Houston, Irene, fa-SoPanguitch
 Houston, James E., a-FProvo
 Houston, LaVonne, SpProvo
 Houtz, Mozelle, e-FSpringville
 Howard, Allan, ap-FHuntington
 Howe, William S., a-SpProvo
 Hoyt, Helen Grace, SpEugene, Ore.
 Huber, Clara E., ssMidway
 Huckins, Alice E., ap-SoProvo
 Hudson, Roy T., a-FProvo
 Huff, Mary P., ss-e-SpProvo
 Huff, Nell, ssSpanish Fork
 Huffaker, Marshall E., c-JMurray
 Huffaker, Ruth E., e-JMurray
 Hughes, John M., c-JProvo
 Hughes, Joseph W., a-JSpanish Fork
 Hughes, Preston G., ss-a-S
Spanish Fork

Huish, Daryl E., fa-JProvo
 Huish, Helen, ap-FProvo
 Hullinger, Orvel M., fa-FLapoint
 Hullinger, Roland H., e-FLapoint
 Humphrey, Alice, fa-FLogan
 Hundley, Annie L., c-SoProvo
 Hunn, Dorothy, e-JProvo
 Hunn, Mrs. J. B. a-SpProvo
 Hunt, Paul, a-UnBuhl, Idaho
 Hunter, James R., e-SOgden
 Huntington, Mae, G-ssSpringville
 Huntington, Preston M., ss
Orangeville
 Huntington, Roy L., a-FCharlestown

Jackson, Vera, GProvo
 Jacob, Gladys E., fa-SpProvo
 Jacob, Maude B., G-ssProvo
 Jacob, Milton E., a-FProvo
 Jacob, Norman A., a-FProvo
 Jacobs, Emma, ss-SpRoy
 Jacobs, Helen M., a-FProvo
 Jacobs, T. Leo, ssTooele
 Jacobs, J. Smith, GProvo
 Jacobsen, Max C., a-FProvo
 Jacobson, Rilla, c-UnProvo
 Jameson, Karl M., c-JPrice
 Janson, Dorothy, c-SoProvo
 Janssen, Helen, ap-FMurray
 Jarvies, J. LaMonte, Sp
Manassa, Colorado
 Jarvis, Eve Marie, e-FSmithfield
 Jay, Emma H., ssOgden
 Jeffrey, Iliff C., c-SoDelta
 Jenkins, Edna May, e-J
Montebello, California
 Jenkins, W. Clayton, ss-GProvo
 Jenkins, Loskiel W., a-FNephi
 Jenkins, Louise, ssProvo
 Jenkins, Ray L., c-SSpringville
 Jennings, Frances I., a-SEphraim
 Jense, Myron, a-FPleasant Grove
 Jensen, Ana M., e-JEphraim
 Jensen, Beatrice L., e-J
Salt Lake City
 Jensen, Bradford A., ssCastle Dale
 Jensen, Cannon H., a-FProvo
 Jensen, Cathryn T., ssCedar City
 Jensen, L. Cecelia, a-F
Sacramento, California
 Jensen, Edna, e-SoManassa, Colo.
 Jensen, Eleanor, e-FMonroe
 Jensen, Ernest, a-SoGoshen
 Jensen, Faun, c-FMonticello
 Jensen, Gilman J., c-JRichfield
 Jensen, Henry, a-FRiverton
 Jensen, James G., ap-SoPreston, Nev.
 Jensen, James S., ssMt. Pleasant
 Jensen, Mamie E., ap-JProvo
 Jensen, Marie, e-FIdaho Falls, Ida.
 Jensen, Marvin, ssCedar City
 Jensen, Mary, G-ss-SpOgden
 Jensen, Maxine, e-FManassa, Colo.
 Jensen, Melba, ap-FRichfield
 Jensen, Paul E., e-FEphraim
 Jensen, Ralph W., a-JOgden
 Jensen, Vernon H., SpSalt Lake City
 Jensen, Verda L., a-UnLewiston
 Jensen, Walter, a-SpProvo
 Jeppesen, Geraldine, ssProvo
 Jeppesen, Rhodes, GProvo
 Jespersion, Marzelle, fa-F
Tucson, Arizona
 Johanson, Alva J., GProvo
 Johanson, Verl E., ssMt. Pleasant
 Johns, Blair G., a-SoSpanish Fork
 Johns, Emery F., ssTooele
 Johnson, Allen W., a-FGunnison
 Johnson, Blaine H., fa-FSpanish Fork
 Johnson, Claire W., G-ssSpringville

- Johnson, O. Clifton, c-Un
 Salt Lake City
 Johnson, Delbert C., c-FProvo
 Johnson, Donald, a-FMapleton
 Johnson, Donna Lee, ap-F
 Hazelton, Idaho
 Johnson, D. Elmer, a-SProvo
 Johnson, Enola, e-FRiverdale
 Johnson, Fay, ap-SProvo
 Johnson, Glen B., ap-JRichfield
 Johnson, Glenn, ap-FProvo
 Johnson, Goulding, a-So.....Lovell, Wyo.
 Johnson, Grace W., ss.....Salt Lake City
 Johnson, Guy A., ss-e-SpPayson
 Johnson, Helen, e-FHuntington
 Johnson, Howard D., a-JLogan
 Johnson, Ina G., ss-e-SpProvo
 Johnson, Jessie, c-FProvo
 Johnson, Jessie Mae, ssRupert, Ida.
 Johnson, Joe F., e-JMurray
 Johnson, Joseph R., c-Sp
 American Fork
 Johnson, Josephine, a-SoProvo
 Johnson, Josephine B., a-SpProvo
 Johnson, LaVell F., ss-fa-Sp
 Fountain Green
 Johnson, Mrs. L. F., ssNeola
 Johnson, Loren D., e-F
 Burlington, Wyoming
 Johnson, Lowell L., ap-SProvo
 Johnson, Malcolm R., a-F
 Terry, Montana
 Johnson, Marjorie, ssProvo
 Johnson, Minerva, ssSpringville
 Johnson, Morris R., ss-fa-SProvo
 Johnson, Neva, e-SoOrangeville
 Johnson, Pearl, ssHyrum
 Johnson, R. Sherwin, a-F
 Pleasant Grove
 Johnson, Theodore A., a-So.....Park City
 Johnson, Valore R., c-So
 LaJara, Colorado
 Johnson, Vearl S., G-ssProvo
 Johnson, Vola, G-ss.....Pleasant Grove
 Johnson, Wanda, ap-FVernal
 Johnson, G. Weston, a-FProvo
 Johnson, William H., G-ssMorgan
 Johnson, Wyla J., a-SoProvo
 Johnson, Wendell P., a-FVernal
 Johnston, A. Eugene, e-F
 Oakland, California
 Johnston, Irene, e-JAmerican Fork
 Jolley, Christine B., a-SpProvo
 Jolley, J. Orlando, a-SpProvo
 Jolley, Udell, a-SoProvo
 Jones, Archie G., c-SpProvo
 Jones, Blanche B., ss-e-S
 Spanish Fork
 Jones, Dale E., c-JProvo
 Jones, Earl S., ap-FProvo
 Jones, Elizabeth L., fa-J
 Sanford, Colorado
 Jones, Florence, c-SpSpanish Fork
 Jones, Ila, e-FBlanding
 Jones, Lewis M., c-F.....Salt Lake City
 Jones, Lillian, ap-SoMalad, Idaho
 Jones, Mary, ssWellsville
 Jones, Maurice A., c-JProvo
 Jones, Maurice E., fa-FPayson
 Jones, V. Maurine, ap-J
 Las Vegas, New Mexico
 Jones, Max W., ap-F.....American Fork
 Jones, Melva U., fa-SoProvo
 Jones, Patrick H., c-SoProvo
 Jones, Ronald, a-SoProvo
 Jones, J. Ross, a-FSpanish Fork
 Jones, Rudgar E., c-J
 Flushing, New York
 Jones, Rulon A., G-ssCedar City
 Jones, Shadrach H., ssProvo
 Jordan, James F., ssMt. Pleasant
 Jordan, Lee K., c-FProvo
 Jorgensen, Brandt D., G-ssSalem
 Jorgensen, D. Drew, G-ss-GProvo
 Jorgensen, Eugene G., fa-JPrice
 Jorgensen, Evert M., c-FPeoa
 Jorgensen, V. Frank, e-S
 Fountain Green
 Jorgensen, Helen V., e-FPrice
 Jorgensen, Pearl A., GProvo
 Josie, Charles, ss-fa-SpProvo
 Judd, Evan A., a-FBurley, Idaho
 Judd, Myles E., fa-JSt. George
 Kartchner, Fred D., a-SoProvo
 Kartchner, Ray W., a-JProvo
 Kavachevich, Melvin W., c-FProvo
 Kay, Afton J., ap-SoCharleston
 Keate, Earl N., a-FRichfield
 Keeler, Essie R., ssProvo
 Keeler, Joseph J., fa-UnProvo
 Keil, Evah M., fa-FMurray
 Kellersberger, Jack S., a-F
 Afton, Wyoming
 Kelly, Ruby, e-JSalt Lake City
 Kendall, B. Marie, c-FNephi
 Kennedy, Margaret J., G
 Las Vegas, New Mexico
 Kenney, Flora, ap-SHolden
 Kerr, Ethel, fa-SpProvo
 Kerr, James G., G-ss-G
 Idaho Falls, Idaho
 Kerr, Lucie L., ss-c-SpSpringville
 Killpack, Agnes S., e-JProvo
 Killpack, Mae S., e-JFerron
 Killpack, Theron W., GProvo
 Kimball, Doris M., ss-a-SProvo
 Kimball, Griffith R., e-SoDraper
 Kimball, A. Noble, G-ssHurricane
 Kimball, C. Rodney, e-FDraper
 Kimball, Virginia M., ap-SoProvo
 Kindred, F. Berne, c-SoSpringville
 King, Alma W., G-ssGarland
 King, Cecil M., a-FProvo
 King, Naomi, fa-SpProvo
 King, Shirley W., c-Un
 Raymond, Alta, Canada
 King, Stella, e-SoGrace, Idaho
 Kirk, Mable, a-SpProvo
 Kirk, Vernon H., c-SoProvo

Kirkham, Avery B., ap-FLehi
 Kirkham, Earl K., ss.....Salt Lake City
 Kitchen, J. Levi, c-FTridell
 Kitchen, Norval T., c-FProvo
 Kittinger, Stewart, a-FLehi
 Kjar, Maurine, ap-JManti
 Kleinman, Conrad J., ssMesa, Ariz.
 Kleinman, Jay A., G-ss-G.....Mesa, Ariz.
 Knight, Jennie B., a-SpProvo
 Knight, Norma, ssProvo
 Knight, Philip, c-SoProvo
 Knight, Stanley W., ap-FHinckley
 Knudson, Mary M., ap-F.....Brigham City
 Knudsen, Ruth, e-JProvo
 Knudson, Velva, c-SoProvo
 Kondratieff, Guennady N., fa-UnProvo
 Kotter, Floyd, e-SElsinore
 Kotter, Wilma M., e-S.....Brigham City
 Koyle, Eldon S., ap-FBurley, Idaho
 LaComb, Frank O., c-JMidvale
 Lallatin, Mack M., a-JSoda Springs, Idaho
 Lambert, Theron, ss-a-SoRoosevelt
 Lamb, John, a-FProvo
 Laney, Esther, fa-FSpringville
 Larsen, Allen S., c-FSpanish Fork
 Larson, Arvid D., a-FCleveland
 Larson, Carl L., ss-c-SPreston, Ida.
 Larsen, Celia, G, e-FProvo
 Larson, Doris E., e-FMurray
 Larson, Eldon, ss.....Las Vegas, Nevada
 Larsen, Eugene C., ss-a-SProvo
 Larsen, Grant F., ap-SoProvo
 Larsen, George N., a-SoPleasant Grove
 Larsen, Linda, ssWashington
 Larsen, Lyman G., ssCastle Dale
 Larsen, Maud, a-SpProvo
 Larsen, Miriam, e-FRichfield
 Larsen, Myrtle C., ssCastle Dale
 Larsen, Newell D., ap-FLehi
 Larsen, Orville L., c-S.....Pleasant Grove
 Larsen, Rex B., a-SProvo
 Larsen, Rhea, e-FCastle Dale
 Larsen, Ronald F., a-FProvo
 Larsen, Thelma, ss-e-JCastle Dale
 Larsen, Vernon F., G-ss.....Mt. Pleasant
 Larsen, Zelda, G-ssAmerican Fork
 Latimer, Doreyn E., fa-SoSalt Lake City
 Law, Rondo J., c-SoDelta
 Lay, Arma, e-FRichfield
 Leavitt, John M., c-FNephi
 Leavitt, Vivian, e-JSanta Clara
 LeBaron, Phyllis C., ap-FSantaquin
 Lee, Belva, G-ssRigby, Idaho
 Lee, Lawrence, SpLogan
 Lee, Lorine, ap-UnIona, Idaho
 Lee, Wilford D., ss-a-SIona, Idaho
 LeeMaster, Vernon J., ss-SpProvo
 Lemon, Floral, e-FIoka
 Leonard, Mary, c-FFarmington
 Leonard, Ronald J., ssHuntington

LeSueur, C. Gordon, fa-F.....Eagar, Ariz.
 LeSueur, Oma, e-SoMesa, Ariz.
 LeSueur, Waldo Y., a-SMesa, Ariz.
 Lewis, Bernell H., e-SSpanish Fork
 Lewis, Fred A., GProvo
 Lewis, Kenneth M., ap-UnProvo
 Lewis, Murray R., ssMoroni
 Lewis, Ruth, ssSalt Lake City
 Liechty, W. Reinwald, a-FProvo
 Lillywhite, Don C., a-S.....Phoenix, Ariz.
 Lindgren, Ruth B., G-ssTelluride, Colorado
 Lindsay, Ina, a-SoSpring Canyon
 Linn, Betty L., c-FProvo
 Little, Sadie, ssMoroni
 Livingston, Vaughn E., e-JProvo
 Llewellyn, L. Margaret, e-FSalt Lake City
 Lloyd, Lillie M., ssOakley, Ida.
 Lloyd, Oa J., ss-SpProvo
 Lloyd, Wesley P., G-ss-Sp.....Oakley, Ida.
 Loader, Harry N., a-F.....Pleasant Grove
 Lohmoelder, Ruth P., G.....Salt Lake City
 Lott, Willard C., ap-SoHuntington
 Lott, Wreal L., G-ss-GLehi
 Losee, Ferron C., e-JProvo
 Lowe, Bessie, e-SoPleasant Grove
 Lublin, Blanche W., e-FRoosevelt
 Ludlow, Albert T., c-JBenjamin
 Ludlow, Lewis J., a-FBenjamin
 Ludlow, C. Max, a-FBenjamin
 Luke, Clinton L., ss-fa-SpIdaho Falls, Idaho
 Luke, Lowell M., e-JMenan, Ida.
 Luke, Theron H., a-JHeber City
 Lunceford, LaVerl, c-FProvo
 Lund, Ella O., e-JRigby, Idaho
 Lund, Ellen B., ss-a-SHuntington Park, California
 Lund, Leon G., ssFountain Green
 Lyance, Sarah B., ssProvo
 Lyon, Aileen, fa-FOverton, Nev.
 Lytle, John V., ss-a-So.....Overton, Nev.
 Lytle, Lutie, ssSt. George
 McAllister, Helen, a-SoHuntington Park, California
 McAllister, Joseph D., a-UnHuntington Park, California
 McAllister, Martha, a-FHuntington Park, California
 McAllister, Rhean L., ap-SoSpanish Fork
 McArthur, Iris L., a-SpProvo
 McBride, Orlando S., G-ssThatcher, Arizona
 McCoard, Donna, ap-SpProvo
 McConkie, Faun, G-ssMoab
 McConkie, Ina, ssMoab
 McCulley, Edward H., c-SpProvo
 McDonald, Ward C., c-SProvo
 McDonald, Winnifred L., e-FSandy
 McEwan, Joe W., c-J.....Salt Lake City
 Macfarlane, Glenna, c-SoLas Vegas, Nevada

Macfarlane, Mildred, e-FCedar City
 McFarlane, Ruby D., e-FManti
 McGregor, Joseph L., a-JProvo
 McGregor, Karma, G-ssSt. George
 McGregor, Mary, ssSt. George
 McGregor, Mrs. Alma W., ss
St. George
 McGuire, James, a-JProvo
 McGuire, John H., c-SProvo
 McGuire, Ray, a-JProvo
 McIntire, Floyd C., a-SoPrice
 McIntire, Wayne F., e-FPrice
 McKinnon, Thelma, fa-SPrice
 McKnight, H. Neil, c-FMoreland, Ida.
 McLeod, Arthur W., c-Un
Calgary, Alta., Canada
 McNeill, Kenneth R., a-F
Bluewater, New Mexico
 McPheeters, Harry E., a-F
Salt Lake City
 McPherson, John B., a-SoSpringville
 McPherson, Margaret, GSpringville
 McPhie, Francis J., ap-FProvo
 McSwain, William, ss-G
Salt Lake City
 Mabey, Phyllis, ap-SpProvo
 Madsen, Clark C., c-SSpringville
 Madsen, Eardley B., GEphraim
 Madsen, Eva, c-FProvo
 Madsen, Farrell D., G-ss-GFairview
 Madsen, Florence J., fa-SProvo
 Madsen, Harold, c-FProvo
 Madsen, Neola E., e-SoProvo
 Madsen, Reva, ap-JManti
 Madsen, Virginia, ap-SoManti
 Maeser, Georgia, G-ssProvo
 Magleby, Burns E., e-FMonroe
 Magleby, LeGrande, a-JMonroe
 Mangelson, Farrin, e-SoLevan
 Mangum, Dixie K., ssProvo
 Mangum, Jessie K., c-SoProvo
 Mangum, W. Lester, SpProvo
 Manwaring, Richard D., c-F
Spanish Fork
 Marchant, Moroni A., c-FPeoa
 Markham, Ben S., a-SoSpanish Fork
 Markham, Don C., a-SoSpanish Fork
 Markham, Lynn C., fa-So
Spanish Fork
 Markham, Ruth H., ssSalt Lake City
 Marquardson, Max S., c-So
Elsinore
 Marsden, Althea, ap-F
Cardston, Alta, Canada
 Martin, Ila, ssProvo
 Martin, James P., a-SoProvo
 Martin, Raymond, ssSamaria, Ida.
 Martin, William P., a-SProvo
 Maughan, Mildred, ap-J
Lava Hot Springs, Ida.
 Maughan, Reed P., a-FWellsville
 Maw, Florence J., G-ssProvo
 Maxwell, B. Alva, ss-c-SEagar, Ariz.
 Maxwell, M. Eldridge, c-Un
Eagar, Arizona

Maxwell, Walter K., ssPhoenix, Ariz.
 May, Chester H., c-FRupert, Idaho
 Maycock, Esther, fa-SSpringville
 Maycock, John D., c-FSalt Lake City
 Meldrum, J. Robert, a-JProvo
 Mellor, Ada S., ss-e-UnProvo
 Melville, M. Naomi, c-J
Salt Lake City
 Memmott, Mary Ann, e-FProvo
 Mendenhall, Ruth, c-FSpringville
 Mensel, Laura M., e-JProvo
 Menzies, Charles W., GProvo
 Menzies, Lila, a-FProvo
 Mercer, Luana, c-SoBountiful
 Merkley, Floyd R., c-JBlackfoot, Ida.
 Merkley, Harold E., a-J
Salt Lake City
 Merkley, Vearl L., c-FBlackfoot, Ida.
 Merrell, Wm. Alton, ap-JVernal
 Merrill, Alton D., e-FProvo
 Merrill, Dave M., e-JProvo
 Merrill, Douglas, fa-JClifton, Ida.
 Merrill, Edna J., ss-a-SpProvo
 Merrill, Eliza D., fa-SpProvo
 Merrill, Harrison J., GProvo
 Merrill, Lydia S., G-ssOgden
 Merrill, Ruth, ssOrdgen
 Merrill, Vera M., ss-a-SpProvo
 Merrill, Vinton M., a-FPreston, Ida.
 Merrill, Virginia, ssPreston, Ida.
 Mickelsen, Evelyn M., a-Un
Sanford, Colorado
 Mickelsen, Lola, ap-FDraper
 Mickelsen, Soren P., ssEcho
 Mickelsen, Woodrow S., c-SoDraper
 Miller, Ada H., G-ssNew York City
 Miller, Alice L., ap-FProvo
 Miller, Amy, c-FSalt Lake City
 Miller, Barr C., ss-c-SMurray
 Miller, Berniece, ssAmerican Fork
 Miller, Cutler R., a-SoProvo
 Miller, David E., a-JSyracuse
 Miller, Wm. Elbert, c-JProvo
 Miller, Karl A., GProvo
 Miller, Marie, a-FSanford, Colo.
 Miller, Rella M., fa-FHyrum
 Millet, C. Wayne, c-JMesa, Arizona
 Millet, Floyd W., e-SMesa, Ariz.
 Millburn, Ralph W., e-SoProvo
 Milliner, Darrel R., a-FPeoa
 Miner, Evelyn, fa-SoSpringville
 Miner, Helen F., c-JFairview
 Miner, Louie Jeanne, fa-FFairview
 Miner, Norma, fa-SoSpringville
 Miner, Orson L., G-ss-GFairview
 Mitchell, Esther, ap-JProvo
 Mitchell, J. Harry, c-SEureka
 Mitchell, Marjorie, fa-JCedar City
 Mitchell, May Louise, e-FLehi
 Mitchell, L. William, ssProvo
 Mix, Josephine, e-SoMagna
 Molyneux, Norma E., e-FMona
 Moon, LaRetta M., ap-SpHanna
 Moncur, Vern L., e-FRupert, Idaho
 Monk, Ralph W., a-FSpanish Fork

Monson, Jesse H., a-F Pleasant Grove
 Moore, Clara A., ap-S Spanish Fork
 Moore, W. Harvey, a-So Spanish Fork
 Moore, Leah, c-Sp Provo
 Moore, Mabel, ss Fillmore
 Moore, Samuel D. Jr., G-ss Fillmore
 Morgan, Fred D., a-F Nephi
 Morgan, Gilbert L., a-So Provo
 Morgan, Helen E., a-J Moore, Idaho
 Morgan, Leo F., ss Eureka
 Morgan, Vivian M., c-J Provo
 Morley, Zelda L., ss-fa-J Moroni
 Morrill, Gwen, ap-F Junction
 Morris, Helen W., c-J Pocatello, Ida.
 Morris, Rachel B., fa-Sp Provo
 Morrison, Lillian A., ss-fa-Sp
 St. George
 Mortensen, Estella, ap-F
 Manassa, Colorado
 Mortensen, Kenneth E., a-F
 Sanford, Colorado
 Morton, Ermel J., a-F Mapleton
 Moulton, Norma, e-F Heber City
 Mower, Harold J., ss Fairview
 Mower, John F., G-ss Provo
 Mullins, Floyd E., c-F Provo
 Murdock, Elroy, a-F Provo
 Murdock, Ernest F., c-S Park City
 Murdock, John R., a-F Heber City
 Murdoch, Lucile Ann, G
 Salt Lake City
 Murphy, J. Bud, e-S Salina
 Murphy, Paul, a-So Upalco
 Murray, Karl E., a-F Abraham
 Murray, Lorna, ap-J Vernal
 Musser, Fred P., a-F Myton
 Myers, Champ, e-F Panguitch
 Myers, LaPriel, fa-S American Fork

 Neagle, Ione, ss Salt Lake City
 Neagle, Pearl, e-So LaSal
 Neagle, Vervene, e-J Toquerville
 Nance, Lu Dema, ap-F
 Idaho Falls, Idaho
 Nash, Ray E., a-F Vernal
 Naylor, J. Alan, a-F Bountiful
 Neilson, R. Clark, a-So Provo
 Neilson, Inez H., ss Provo
 Neilson, Mona, e-J Provo
 Nelson, Amy E., c-F Smithfield
 Nelson, Blanche, ss Provo
 Nelson, Byron C., ss-e-S
 Montpelier, Idaho
 Nelson, Charlie F., c-F Lynndyl
 Nelson, F. Delmar, fa-S
 Pleasant Grove
 Nelson, Dorothy, ss Downey, Ida.
 Nelson, Dona, e-F Spanish Fork
 Nelson, Carl Oscar, ss Payson
 Nelson, Elmo A., a-So Upalco
 Nelson, Eugene, fa-So Provo
 Nelson, Evan G., fa-So Ferron
 Nelson, Florence N., ap-Sp Provo
 Nelson, Jay L., c-J Brigham City
 Nelson, Jos. Call, ss Provo

Nelson, Kenneth P., ap-F Ferron
 Nelson, Leah, ss-a-S Spanish Fork
 Nelson, Milton A., a-So Provo
 Nelson, Owen R., e-F Draper
 Nelson, Ronald W., c-F Spanish Fork
 Nelson, Roscoe M., a-F
 American Fork
 Nelson, William L., c-Sp Salina
 Nelson, Willard C., a-F Provo
 Neslen, George Q., a-J Salt Lake City
 Ne Ville, Jessie, fa-So Byron, Wyo.
 Newell, Helen R., a-J Provo
 Newell, Harry K., e-F Mona
 Newell, Rulon D., ss Mona
 Newton, Agnes, e-F Mona
 Nicholes, Eleanor L., a-So Provo
 Nicholes, Henry J., a-J Provo
 Nicholes, Paul S., a-F Eagar, Arizona
 Nickerson, Sarah, fa-F Grantsville
 Nielson, Averil B., ap-J Ephraim
 Nielson, Dallin S., fa-So Monroe
 Nielson, Don, ap-S Mapleton
 Nielsen, Douglas S., a-F Riverton
 Nielsen, Emil K., ss-Sp Provo
 Nielsen, Emily, a-Sp Provo
 Nielsen, Lawrence, a-Un Riverton
 Nielsen, Louise M., e-S Tooele
 Nielson, Merrell L., ap-So Springville
 Nielson, Norris B., fa-F
 St. Anthony, Idaho
 Nielson, H. Reed, a-So Monroe
 Nielson, R. L., ss Roosevelt
 Nisbet, Annice O., e-F Rupert, Ida.
 Nisson, Antone W., a-J Washington
 Nisonger, W. Max, a-J Provo
 Norman, Catherine, a-Sp Provo
 Norton, D. R., c-F Provo
 Norton, M. Ronald, c-So Provo
 Nuttall, Taylor C., a-F Salt Lake City
 Nuttall, Wilkins, ss-a-J
 Twin Falls, Idaho

 Oakley, Bert T., a-F Provo
 Oakley, Rosalind, a-Sp Provo
 Oaks, Charles E., a-So Vernal
 Oaks, Jessie A., fa-Sp Vernal
 Oaks, Lynn E., a-F Vernal
 Oaks, Nettie H., ss Vernal
 O'Barr, Gus B., a-F Mesa, Arizona
 Oborn, Rulon B., a-F Sandy
 Ogden, McKay A., a-F Richfield
 Ogden, Olive, a-F Richfield
 O'Hare, Helen B., G-ss Eureka
 Okelberry, Orval W., c-S Goshen
 Oldroyd, Jay W., a-F Venice
 Ollerton, Louise, c-So Provo
 Olsen, Anna G., fa-Sp Provo
 Olsen, Dean E., c-F Provo
 Olsen, Donald P., fa-J Provo
 Olsen, Eugene, ss Iona, Idaho
 Olson, C. Garth, a-F Payson
 Olsen, George A., ap-So Provo
 Olsen, Joseph W., G-ss Moroni
 Olsen, Marion J., a-So Provo
 Olsen, Marvin E., ap-So

Pleasant Grove	
Olson, Robert, c-J	Provo
Orme, Sarah, ss	Tooele
Orser, L. Stanley, a-F	Roosevelt
Osmond, Marcia, G-ss	Provo
Osmond, Nan, G-ss	Provo
Osterloh, Fred E., a-F	Lehi
Ott, James A., a-J	Henrieville
Outzen, Clair, c-F	Marysville
Outzen, Lydia, c-F	Marysville
Owen, Jack, c-F	Kenilworth
Owens, Darlene, c-So	Provo
Owens, Nanieve, a-F	Provo
Pace, Evelyn, a-So	Boneta
Pace, Luella U., ap-Sp	Provo
Pace, Udall W., a-J	Provo
Pace, William D., ss-a-J	Provo
Pack, Garrett C., a-F	Salt Lake City
Pack, Josephine R., a-Sp	Provo
Packard, Hannah C., fa-Sp	Provo
Packard, Tess C., ss-e-F	Springville
Page, Ailsa N., fa-S	Ft. Duchesne
Page, J. Boyd, a-So	Springville
Page, Faye, e-So	Goshen
Page, Fred T., a-F	Payson
Palfreyman, Grant E., c-F	Springville
Palfreyman, Warwick C., c-So	Springville
Pardoe, Kathryn B., ss-fa-S	Provo
Pardoe, F. Norma, ss-fa-So	Provo
Park, Hugh W., ap-F	Provo
Park, Lucille, a-F	Sanford, Colo.
Park, Woodrow, a-F	Sanford, Colo.
Parker, Charles J., G-ss	Payson
Parker, Hobson E., c-F	Provo
Parker, Karl G., c-F	Joseph
Parker, Robert W., a-J	Mount Airy, N. C.
Parkes, Vera Deane, e-So	Nephi
Parkinson, Ann, fa-S	Rexburg, Ida.
Parkinson, Berkley H., ap-F	Rexburg, Idaho
Parkinson, Winnifred B., fa-F	Lewiston
Parry, H. Dean, a-S	Ogden
Parry, Roland C., ss-fa-Sp	Ogden
Partridge, Carol, c-S	Provo
Partridge, Josephine, ss	Cowley, Wyo.
Partridge, Lyman M., a-J	Provo
Partridge, Miriam, c-F	Provo
Patrick, Wallace W., a-F	Springville
Paulson, Fred, ap-F	Sanford, Colo.
Paxman, Achsa E., a-Sp	Provo
Paxman, Annie S., ss-fa-Sp	Provo
Paxman, Arthur A., ss	St. George
Paxman, Beth, fa-So	Provo
Paxman, Edith G., fa-S	Provo
Paxton, Genevieve, c-J	Kanosh
Payne, Albert L., c-So	Provo
Payne, Bessie V., a-F	Provo
Payne, E. Junius, c-F	Safford, Ariz.
Pearson, Anne, G-ss	Brigham
Pearson, Irvin B., ap-S	Oakley
Peart, Mearl C., e-So	Randolph
Peay, Mildred, ap-F	Spanish Fork
Pehrson, George A., a-So	Magna
Penrod, Grant F., ss	Provo
Penrod, Helen L., e-So	Provo
Penrod, Max W., ss	Provo
Percival, C. Guy, e-F	Ioka
Perkins, Norma, a-So	Monticello
Perrett, Barbara A., fa-So	Idaho Falls, Idaho
Perry, Asahel A., ap-Sp	Provo
Perry, Elgia B., ap-Sp	Provo
Perry, Roland, a-F	Provo
Petersen, Alma, ap-F	Lehi
Peterson, Alton H., e-So	Jensen
Peterson, Anna Lou, c-So	Richfield
Peterson, Clara, c-F	Provo
Peterson, Clayton O., ap-Un	Sanford, Colorado
Peterson, Dean A., e-J	Mt. Pleasant
Peterson, L. Elmer, G-ss	Oasis
Peterson, E. Fay, ap-F	Sanford, Colorado
Peterson, Fred E., fa-F	Cowley, Wyoming
Peterson, Grethe, e-F	Hinckley
Peterson, Howard, a-J	Provo
Peterson, Ken J., c-S	Manti
Peterson, H. Lester, G-ss	Rexburg, Idaho
Peterson, Lloyd L., c-So	Provo
Peterson, Louise, a-F	Provo
Peterson, Lois, e-F	Provo
Petersen, Mabel, ap-So	Burley, Ida.
Peterson, Madeline A., e-So	Richfield
Petersen, Margaret E., fa-So	Mt. Pleasant
Peterson, Margaret O., e-S	Aberdeen, Idaho
Peterson, Marian C., ap-F	Richfield
Peterson, Mervin H., a-So	Payson
Petersen, Nelda, e-So	Hinckley
Peterson, Orson W., fa-J	Castle Dale
Peterson, Parrell G., e-J	Provo
Petersen, Reed L., a-F	Hyrum
Petersen, Reid, a-So	Provo
Petersen, Twila, ap-F	Burley, Idaho
Peterson, Virgil V., a-J	Pleasant Grove
Peterson, Wanda, e-F	Snowflake, Ariz.
Phillips, Gene Y., e-Sp	Brigham City
Phillips, James T., c-F	American Fork
Phillips, W. LaMarr, a-F	Evanston, Wyoming
Phillips, Richard V., ap-So	Brigham City
Pickering, Florence, c-F	Payson
Pickup, Clair, c-F	Vernal
Pierce, Ireta M., fa-J	El Paso, Texas
Pierce, Norman C., G	Springville
Pistole, Maydelle G., fa-So	Las Vegas, Nevada
Pitcher, Walter H., a-J	Cardston, Alta, Canada
Platt, Jerome V., c-Un	

Brant, Alta., Canada
 Polly, Ruth, fa-Sp Provo
 Pond, Clair B., fa-F Fairfield, Idaho
 Pond, Roland S., a-F Fairfield, Idaho
 Porter, Adria R., fa-Sp Provo
 Postma, Frank, fa-So Vernal
 Poulson, Earle M., a-So Provo
 Poulson, Elmo S., a-F Provo
 Poulson, Lorna A., fa-So Richfield
 Poulson, Verle E., e-F Redmond
 Poulson, Vilo K., c-Un Provo
 Powell, Leo, c-So Lehi
 Powell, Marvin S., c-F Levan
 Powell, Maurine, ss Levan
 Powelson, Fred D., c-F Provo
 Powelson, A. Marion, ss Provo
 Pratt, Marjorie W., fa-Un
 Mt. Pleasant
 Price, William J., c-J Lehi
 Price, Dix W., ss Phoenix, Ariz.
 Friday, Leland F., fa-So
 American Fork
 Prince, Nedra, c-Un Provo
 Prince, Rhoda R., ss Hurricane
 Prior, David, e-F Spanish Fork
 Probst, Cleopha R., G-ss Escalante
 Probst, Reed G., G-ss Escalante
 Provost, E. Orval, a-F Midway
 Prusse, Evelyn K., fa-F Provo
 Pryde, William L., a-F Salt Lake City
 Pullen, Argene L., a-F Provo
 Pullen, Everett J., a-So Provo
 Pulsipher, Zella, ss Mesquite, Nev.
 Purrington, Frances L., ss Ogden
 Quinn, Geneva, ss Draper
 Radmall, Vilace L., ap-So
 Pleasant Grove
 Ralphps, Varian D., ap-F Ferron
 Ralston, Mary, c-S Provo
 Ramsbotham, Elizabeth, fa-Sp Provo
 Randall, Fern, ap-F Centerville
 Randall, Glen L., c-So Pine, Ariz.
 Rasband, Lincoln, ap-J Heber
 Rasband, Mary, ss Heber
 Rasmussen, Mabel, ss Mt. Pleasant
 Rasmussen, Max A., ap-F Provo
 Rasmussen, Levar S., ap-F
 Burlington, Wyoming
 Rasmussen, Rulon S., ss-e-Sp. Fairview
 Rasmussen, L. Ruth, e-F. Rupert, Ida.
 Rawson, Aline, a-J
 Los Angeles, California
 Rawson, LoRee, a-So
 Los Angeles, California
 Redd, Anna P., a-Sp Provo
 Redd, Bessie, a-F Monticello
 Redd, Daryle, c-F Monticello
 Redd, Kay B., a-Un
 Raymond, Alta., Canada
 Redd, Maude, c-So Monticello
 Redd, Sterling, c-F Blanding
 Redd, P. Vincent, a-F Blanding
 Redd, Edna L., a-J Sanford, Colo.

Reeder, Clara, ss Brigham City
 Reeder, William H., a-F Ogden
 Reese, Betty, ss Provo
 Rees, Clifton A., ss Richfield
 Reese, Dale, fa-So Payson
 Reese, Eldon L., a-So
 Bloomington, Idaho
 Reese, Margaret A., a-S Price
 Reese, Rudolph P., a-S Provo
 Reeve, Olive S., fa-J St. George
 Reid, Barbara, e-So Orangeville
 Reid, Clad, ap-F Sanford, Colorado
 Reid, L. Elwin, fa-F Oakley, Idaho
 Reid, Ernest L., ss Hinckley
 Reid, Frederick W., ss Orangeville
 Reinsch, Francis C., a-Sp Provo
 Reiser, Albert H., G-ss. Salt Lake City
 Reynolds, Allen C., G-ss Circleville
 Reynolds, Levi E., a-J Provo
 Rice, Lucy, ap-So Farmington
 Rich, Ada S., ap-Sp Provo
 Rich, Clarence D., c-S Morgan
 Rich, Ione, a-F Provo
 Rich, Stella P., G-ss Provo
 Richards, Beth, e-So Montpelier, Ida.
 Richards, Elaine M., e-F Oakley
 Richards, Fred, G Pleasant Grove
 Richards, Horace S., ss
 Salt Lake City
 Richards, Kathryn W., ss Mapleton
 Richards, Louise, fa-So Logan
 Richardson, Don E., c-F Vernal
 Richardson, Eldon L., a-F Benjamin
 Richardson, Lynne G., a-F Provo
 Richardson, Vernon L., G Provo
 Richins, W. Dwaine, fa-So
 Burley, Idaho
 Richins, Mary E., ap-Sp Provo
 Ricks, Mary M., ss Rexburg, Idaho
 Ricks, Ruby, a-So
 Idaho Falls, Idaho
 Richmond, Dorothy, ss-e-S Provo
 Ridges, Isabelle A., ap-F
 Salt Lake City
 Rigby, Avard A., a-F Hinckley
 Rigby, Florence P., ss Beaver
 Rigby, Wendell M., G-ss Beaver
 Riley, E. Clara, e-F Eureka
 Ririe, Alice, fa-J
 Magrath, Alta., Canada
 Rivers, Marie, ap-J Springville
 Roberts, Beth A., a-So. Salt Lake City
 Roberts, Kenneth D., a-F. Afton, Wyo.
 Roberts, Murray K., fa-Un Provo
 Roberts, Myrle L., ss Brigham City
 Robertson, Doyle E., fa-F
 Fountain Green
 Robertson, Marie, ap-Sp. Spanish Fork
 Robertson, Wanda, ss
 Fountain Green
 Robbie, Harry W., ap-J Provo
 Robbins, Dorothy, fa-Sp Provo
 Robbins, Kenith R., ss Scipio
 Robinson, Don S., c-So
 American Fork

Rowe, Owen B., a-So	Provo
Rowley, Edith, e-F	Spring Glen
Rowley, George A., a-Sp	Helper
Rowley, Herman M., a-F	Provo
Rowley, LaRue, a-F	Spring Glen
Rowley, Rinda, fa-So	Provo
Royle, Homer F., a-F	Lehi
Russell, Maurice W., c-F	Provo
Russell, Reed, c-J	Tooele
Russon, Ivy J., fa-F	Lehi
Rust, Emma, ss	Provo
Rust, Richard D., a-J	Provo
Sabin, David V., c-F	Nampa, Idaho
Samuelson, Beatrice B., ss	
	Santaquin, Utah
Sandgren, Edward A., c-Sp	Urovo
Sanford, Hunt S., e-So	Richfield, Ida.
Sauer, Mable E., c-F	Provo
Schlappi, Lloyd K., a-F	Springville
Schmielt, Bennie, fa-F	Midvale
Schofield, M. Dale, a-So	Beaver
Schofield, Jay D., c-So	Rupert, Ida.
Schofield, I. Mae, e-So	Rupert, Ida.
Schofield, William U., ap-F	
	Hiko, Nevada
Scorup, Edith, fa-F	Salina
Scorup, Ellen, fa-So	Salina
Scorup, Stena, G-ss-Sp	Salina
Scott, Anna Deen, ap-So	Provo
Scott, M. Deborah, fa-F	
	Idaho Falls, Idaho
Scott, Edna, c-Sp	Provo
Scott, Janet, e-J	Provo
Scott, Mark J., a-F	Provo
Robinson, Elma, ss	Provo
Robinson, Orpha, G-ss	American Fork
Robinson, Phyllis, e-J	Provo
Robinson, Ruth, ss	Provo
Robinson, Wendell, ss	Spanish Fork
Robinson, Willis, G-ss	Panaca, Nev.
Robison, Bertha B., ss-ap-S	
	Baker, Nevada
Robison, Burle H., e-S	Provo
Robison, Ione, fa-J	Overton, Nev.
Rockwood, Oleah, ap-F	Salt Lake City
Rogers, Ofie J., ss	Kanosh
Romer, Ruth, ap-So	Brigham City
Romney, Archie B., ap-So	
	Colonia Juarez, Chih., Mex.
Romney, Anton K., G	Provo
Romney, Gretta P., ss	Provo
Romney, Jennie, a-F	Chicago, Ill.
Romney, Keith, c-So	
	Silver City, New Mexico
Romney, Marguerite, fa-S	
	Colonia Juarez, Chih., Mex.
Romney, Maurine, fa-J	Chicago, Ill.
Romney, Miles A., a-F	
	Colonia Dublin, Chih., Mexico
Roper, Rawlin, ap-F	Oak City
Roskelley, Leota, a-J	El Monte, Calif.
Ross, Zephia C., a-J	Galesburg, Ill.
Rowe, Francis, a-So	Spanish Fork
Rowe, Marion L., a-F	Provo
Scott, Melba, ss	Provo
Scott, Stella, ap-So	Charleston
Scott, G. Vernon, G-ss	Provo
Schow, Elden C., a-J	Lehi
Schow, Ila I., fa-F	Lehi
Schow, Vera, e-F	Panguitch
Schwieder, Arthur Wm., G-ss	
	Iona, Idaho
Schwieder, Philip R., e-So	
	Iona, Idaho
Searle, Lynn S., a-So	Spanish Fork
Seastrand, Genna Vee, ss	
	American Fork
Seaton, Frances M., a-F	Price
Seaton, Mary M., a-S	Price
Seegmiller, Marjorie, c-J	Richfield
Seely, Leola, ss	Brigham City
Seethaler, Joseph, c-So	Provo
Seiter, Erika E., a-J	Provo
Selck, John R., c-F	Provo
Sellers, J. Hugh, a-F	Provo
Sessions, J. Wyley, G-ss	
	Pocatello, Idaho
Shalfoon, Tony V., c-Un	
	Opatiki, New Zealand
Shanks, Ednal, a-So	Wells, Nev.
Shaw, Elizabeth D., ss	Ogden
Shaw, John A., a-F	Ogden
Shawcroft, Dee, ap-So	
	LaJara, Colorado
Shawcroft, Maude, a-F	
	LaJara, Colorado
Shelby, Frances V., fa-Sp	
	Salt Lake City
Shelley, Fern E., fa-F	American Fork
Shelley, Sarah E., a-F	American Fork
Shepherd, Laura, G-ss	Spanish Fork
Shepherd, Lowell Ed., a-So	
	Paris, Idaho
Shepherd, Weldon O., c-F	Levan
Sheya, Emmaline D., c-Un	Provo
Shields, Lloyd, ss-e-S	Tooele
Shipp, Warren E., ap-S	Beaver
Shipman, Edward, fa-F	Provo
Shurtliff, Helen L., fa-F	
	Salt Lake City
Sibbett, Edward H., G-ss	Provo
Simmons, E. Dean, e-J	Payson
Simmons, Dilworth, fa-Sp	Provo
Simmons, Gerald, a-F	Payson
Simmons, Grant, fa-Sp	
	Los Angeles, California
Simmons, Guy W., e-F	
	Los Angeles, California
Simmons, James A., fa-So	
	Spanish Fork
Simpkins, Nedra, e-F	Provo
Simpson, Grace E., e-J	Mt. Pleasant
Simpson, Margaret, c-So	
	Mt. Pleasant
Sjoberg, Lillian H., fa-J	
	Pleasant Grove
Skinner, Agnes C., ss	Spanish Fork

Skinner, Grace, ss Beaver
 Skinner, Lucille, e-J Provo
 Skousen, Marvin, G Chandler, Ariz.
 Smart, Herbert F., a-J Provo
 Smart, Max Neff, G Provo
 Smart, Rowles N., a-So Provo
 Smeath, George H., e-F Provo
 Smith, Alden, a-F Beaver
 Smith, Alice M., c-J Salt Lake City
 Smith, Avera M., ss Provo
 Smith, Earl T., a-S Beaver
 Smith, Ervine, G Pleasant Grove
 Smith, M. Foss, c-S Snowflake, Ariz.
 Smith, Harold H., c-F Snowflake, Ariz.
 Smith, Helen J., G-ss Pleasant Grove
 Smith, Hyrum J., c-So Salt Lake City
 Smith, Jean, ap-F Pleasant Grove
 Smith, Josephine A., c-J
 Salt Lake City
 Smith, Julia O., ss Ogden
 Smith, Justin M., G-ss-G
 Salt Lake City
 Smith, Katherine T., fa-F Provo
 Smith, LeRoy W., a-F Pleasant Grove
 Smith, Louise, ap-F Salt Lake City
 Smith, Margaret F., ss
 Salt Lake City
 Smith, Marjorie, ss-e-So Provo
 Smith, Marjorie B., c-F Elsinore
 Smith, Phyllis, ap-F Lehi
 Smith, Ruth I., e-F Provo
 Smith, Sophronia, G Snowflake, Ariz.
 Smith, Thales S., ap-F Greybull, Wyo.
 Smith, Virgil J., ss-e-S Lehi
 Smith, Winifred, a-So Salt Lake City
 Smoot, Anita, e-F Provo
 Snarr, Pearl, a-Sp Provo
 Sneddon, Robert, a-F Provo
 Snell, Alta H., fa-S Provo
 Snell, Della, e-So Provo
 Snell, Esmond E., a-J Provo
 Snell, Hillman C., fa-J Provo
 Snell, Iva R., e-Sp Provo
 Snell, Maude, e-J Provo
 Snell, Morris R., ap-S Provo
 Snider, Cecil A., G Warsaw, Ill.
 Snider, Mrs. C. A., G Warsaw, Ill.
 Snow, Claude S., G Provo
 Snow, Clyde E., fa-F Payson
 Snow, Glenn E., G-ss Pine Valley
 Snow, Hattie T., a-Sp Provo
 Snow, Hortense, ap-S St. George
 Snow, R. Thornton, e-Sp Provo
 Snow, Wanda M., ss St. George
 Snyder, Theron T., e-J Payson
 Soffe, Orpha M., fa-F Sandy
 Sorensen, Allen B., a-J Spanish Fork
 Sorensen, Edna, G-ss Logan
 Sorensen, Emma B., a-Sp Mendon
 Sorensen, Gladys, fa-F Malad, Idaho
 Sorensen, Lewis W., ss Redmond
 Sorensen, Virginia E., e-S Provo
 Souter, Catherine, a-Sp Provo

Souther, Irma, ap-Sp Provo
 Sowards, Beulah, e-So Provo
 Sowards, Josephine, ap-J Provo
 Sowards, Myrtle, ss-ap-S Provo
 Sowards, Willa L., e-So Provo
 Spear, Grace D., a-Sp Provo
 Speckart, Frank R., G-ss Provo
 Speckart, Ruth, ap-F Provo
 Spencer, Alice, fa-J Paris, Idaho
 Spencer, Ethel S., ss Provo
 Spencer, Helen S., ss Provo
 Spillman, Elizabeth, ss Telluride, Colo.
 Spilsbury, Arlington, c-So Cedar City
 Spilsbury, Erwin R., G-ss
 Preston, Idaho
 Spilsbury, LeGrande, a-J Cedar City
 Spotten, Mary, ss Sanford, Colorado
 Stahmann, Mark, a-So Spanish Fork
 Staker, Flossie R., ss Mt. Pleasant
 Stallings, Hart L., a-So Salt Lake City
 Standring, Elsie M., ap-Un
 Sacramento, California
 Staples, Paul W., fa-So Monroe
 Stark, Anna E., G-ss Spanish Fork
 Starr, Edna, ap-So Springville
 Starr, Pearl, ss Springville
 Steed, J. Owen, a-So
 Cardston, Alta, Canada
 Steed, Max O., a-So
 Cardston, Alta, Canada
 Steedman, W. Kenneth, ss-a-J
 Mammoth
 Steele, Millie, ss-ap-J American Fork
 Steele, Ray D., ss Goshen
 Steele, Stanford H., a-F
 American Fork
 Steele, Veda B., e-So Idaho Falls, Ida.
 Stell, Robert, a-F
 Colonia Dnblan, Chih., Mexico
 Stephens, G. Sylvan, a-J Provo
 Stephens, Kirk A., a-F
 Bayside, New York
 Sterling, Len G., c-So Spanish Fork
 Stevens, Aurelia, a-F Blanding
 Stevens, Marjorie, a-So Fillmore
 Stevens, Ruth, e-So El Paso, Texas
 Stewart, Clarence L., G-ss
 Mt. Pleasant
 Stewart, Mary, a-Sp Provo
 Stewart, Virginia, ss Spanish Fork
 Stice, Virgil E., a-F American Fork
 Stimpson, J. Vernal, G-ss Nephi
 Stoddard, Gail H., a-J Oakland, Calif
 Stoddard, George E., a-F
 Flushing, New York
 Stoddard, Jean R., a-F Salt Lake City
 Stoker, Alta, fa-S Sugar City, Ida.
 Stoker, Florence, ss Spanish Fork
 Stokes, Katherine, e-So Midvale
 Stokes, Wm. Lee, a-F Cleveland
 Stokes, Lillian, a-So Midvale
 Stolworthy, Rhea, ap-F
 Kirtland, New Mexico
 Stone, Richard S., c-F Provo

Storrs, Joseph B., G-ss	Provo
.....Flandreau, S. D.	
Stott, Ruth, fa-Sp	Meadow
Stowell, Edna M., fa-J.....	Rexburg, Ida.
Stowell, Lucile C., ss	Springville
Stowell, Rhoda, ap-S	Provo
Strate, Fred C., G-ss	Provo
Straw, Rex E., a-F	Montpelier, Ida.
Street, C. Wilson, a-F	Provo
Strickler, Fredona H., fa-So	Ogden
Stringham, Dorothy M., ap-F	Vernal
Strong, Erma M., fa-Sp	Alpine
Strong, Jay, a-J	Springville
Strong, Leon M., G-ss.....	Sugar City, Ida.
Strong, Mabel H., ss.....	Sugar City, Ida.
Strong, Roy A., a-So	Springville
Stucki, Ether J., e-J	Santa Clara
Sudweeks, Lucy B., ap-Sp	Provo
Summerhays, John W., ss	Provo
.....Salt Lake City	
Summerhays, Margaret, ss	Provo
.....Salt Lake City	
Summers, Helen, e-S	Provo
Summers, M. Jean, a-F	Provo
Sumsion, Howard C., ap-So	Provo
.....Springville	
Sumsion, Merlene, ss	Springville
Sundwall, C. Arthur, a-F	Fairview
Sundwall, Harry W., ss-e-S	Fairview
Sundwall, Katherine, a-J	Fairview
Sutherland, Rex L., fa-So.....	Springville
Sutton, Lois A., c-F	Provo
Sutton, Roy V., a-F.....	Kemmerer, Wyo.
Swallow, Golden N., e-So.....	Ely, Nev.
Swensen, Albert D., a-F	Provo
Swensen, Elizabeth, a-S	Provo
.....Pleasant Grove	
Swenson, Calvin H., a-F	Provo
.....Pleasant Grove	
Swenson, Francis M., a-Un	Provo
Swenson, Helen N., fa-F	Provo
.....Bancroft, Idaho	
Swenson, Joseph C., c-J	Provo
Swenson, Louise, G-ss	Provo
Swenson, Margaret D., G-ss	Provo
Swenson, Martha T., ap-J	Provo
.....Spanish Fork	
Swensen, Mildred W., ap-J	Provo
.....Pleasant Grove	
Swenson, Shirl, fa-F	Spanish Fork
Sylvester, Ruth R., a-F	Eureka
Taggart, Bernice, ss	Ogden
Taggart, Renold L., fa-F	Provo
.....Salt Lake City	
Talbot, Phyllis L., e-So	Hinckley
Talmage, John R., a-J.....	Salt Lake City
Tangren, Zola, ss	Moab
Tanner, Colvin R., fa-F	Payson
Tanner, Gilbert L., a-J	Provo
Tanner, Glade R., ap-F	Salem
Tanner, J. Sherman, a-Un	Provo
Tanner, Wilmer W., a-F	Fairview
Taylor, Ada, e-J	El Paso, Texas
Taylor, Albert R., a-Sp	Provo
Taylor, Alta H., ap-Sp	Provo
Taylor, Celestia J., ap-Sp	Provo
Taylor, Clarence D., c-J	Provo
Taylor, Delenna R., a-S-ss	Provo
Taylor, Ethel R., G	Provo
Taylor, Fenton W., G.....	Thatcher, Ariz.
Taylor, J. Golden, c-So	Provo
.....Spokane, Washington	
Taylor, Herbert W., a-So	Provo
.....Ontario, California	
Taylor, G. Hal, a-F	Provo
Taylor, O. Kenneth, c-So	Provo
Taylor, Lamar A., c-J.....	El Paso, Texas
Taylor, Margaret, ss-fa-J	Provo
.....Salt Lake City	
Taylor, Mary J., G	Provo
Taylor, Mattie, e-F	Spokane, Wash.
Taylor, Maurine G., a-Sp	Provo
Taylor, Mennell H., ap-F	Provo
.....Colonial Dublin, Chih., Mexico	
Taylor, Nadine L., fa-So	Provo
Taylor, Pearl, ap-J.....	Salt Lake City
Taylor, Preston N., a-S.....	Banida, Ida.
Taylor, H. Rex, c-S	Levan
Taylor, Rosalind, fa-F	Provo
.....Kirtland, New Mexico	
Taylor, Weldon J., c-S	Provo
Tea, LeGrande, a-F	Riverton
Teerlink, Virginia, fa-F	Provo
.....Salt Lake City	
Tervort, Wilma, e-J	Payson
Tew, Wm. T., G-ss	Mapleton
Thiriot, Joseph E., ss-Sp.....	Hiko, Nev.
Tholen, Margaret, fa-F	Sandy
Thomas, David G., G-ss.....	Salt Lake City
Thomas, David W., c-F.....	Spanish Fork
Thomas, L. Dean, a-F	Spanish Fork
Thomas, Grace, e-F	Heber
Thomas, Jack, a-F	Scofield
Thomas, Keith, a-F	Provo
Thomas, Rex T., a-F	Provo
Thompson, Blaine, ss	Wattis
Thompson, Blodwen M., a-F	Provo
Thompson, George C., a-J.....	St. George
Thomson, Ralph D., ss-a-J	Ephraim
Thorne, Charles J., a-So	Provo
.....Pleasant Grove	
Thorne, J. Roe, a-So	Springville
Thornock, N. Dean, fa-Sp	Provo
.....Bloomington, Idaho	
Thornock, Owen D., a-S	Provo
.....Bloomington, Idaho	
Thornton, J. Max, e-F	Delta
Thornton, J. Read, c-S	Provo
Thorpe, Blaine F., ap-F	Springville
Thorpe, Morris C., a-F	Provo
Thurber, Vera B., ap-Sp	Provo
Thurgood, Alda, c-F	Provo
Thurston, Harold, fa-Un	Provo
.....Salt Lake City	
Thurston, Miriam, e-So	Provo
.....Salt Lake City	
Tidwell, Bert, e-F	Wellington

Tingey, Tula, ssEvanston, Wyo.
 Tippets, Don H., ap-FLovell, Wyo.
 Tippets, Lucile, c-FLovell, Wyo.
 Tippets, Reid M., c-FDelta
 Tobler, Mildred, e-So

.....Bunkerville, Nevada

Toboz, Benny, e-F

.....Los Angeles, California

Todd, Florence, fa-FMidvale

Todd, George H., c-SoMesa, Ariz.

Tolman, Dorothy O., e-F

.....Salt Lake City

Tonks, Warren, ssAshton, Idaho

Tonks, Zara H., ssAshton, Idaho

Towers, Esther V., GEureka

Tregeagle, Delbert V., GProvo

Tregeagle, Phyllis R., GProvo

Tucker, J. Glen, e-JOakland, Calif.

Tucker, James Dean, c-FProvo

Tuft, Harold, a-FProvo

Tuft, Max S., a-FMonroe

Turner, Floy L., ssMonroe

Turner, Marjorie, e-FKaysville

Turpin, Marlow I., a-FMagna

Tuttle, Lawrence D., ssProvo

Tyler, Clark, a-UnProvo

Ungricht, S. LaVerne, c-J

.....Salt Lake City

Udall, J. Nicholas, a-So..Phoenix, Ariz.

Vacher, Clarence, GProvo

Van Alfen, Nicholas, e-JOgden

Vance, Cyril L., ss-SpProvo

Vance, S. Lloyd, c-SoProvo

Vance, E. Merle, e-SProvo

Vance, Morris R., c-SoProvo

Vance, R. Wendall, a-SProvo

Van Cott, Frank A., ss-G

.....Salt Lake City

Van Cott, Le Roy B., c-J-ss

.....Salt Lake City

Van Cott, Helen M., G-ss

.....Salt Lake City

Van Wagenen, Birdie, a-SpProvo

Van Wagenen, Fay E., a-JProvo

Van Wagenen, Dean, c-SoProvo

Van Wagenen, Harold E., c-SProvo

Verney, John W., e-Un.....Mesa, Ariz.

Vernon, Wm. M., ssProvo

Vest, Edwin T., ss-e-SOgden

Vest, H. Grant, G-ss-G

.....American Fork

Vest, Niles L., a-JPayson

Vest, Orpha J., ssNeola

Vest, Thelma P., e-JPayson

Vickers, Reva, fa-FNephi

Villett, Brent B., a-FLewiston

Voorhees, Lorna T., GManti

Voorhees, Stanley R., a-FGunnison

Wadley, LaVere, G-ss..Pleasant Grove

Wagers, Marjorie J., e-FRoosevelt

Wagner, Ann V., a-SpProvo

Waite, LeRoy, a-FArco, Idaho

Wakefield, G. Bruce, e-J.....Huntington

Wakefield, John H., GProvo

Waldo, Vern H., c-F.....Salt Lake City

Waldram, LuDeen, fa-F

.....Sugar City, Idaho

Waldram, Ruth, ap-J

.....Sugar City, Idaho

Walker, Bernard S., c-S

.....Pleasant Grove

Walker, Ellen, ap-F.....American Fork

Walker, Fay H., a-F

.....Raymond, Alta., Canada

Walker, J. Harris, a-J

.....Raymond, Alta., Canada

Walker, Jess R., c-J.....Pleasant Grove

Walker, Muriel, ap-J.....Pleasant Grove

Walker, Paul K., SpNephi

Walker, Virginia, ssPleasant Grove

Wall, Jason A., a-FCoshen

Walton, James E., c-Un

.....Pocatello, Idaho

Wangsgard, Spence, e-FOgden

Ward, Marguerite, e-FPreston, Ida.

Ward, Voss J., e-FRiverside

Wardle, Ferrel F., a-FRoosevelt

Warner, Berenice, a-SGrace, Idaho

Warner, Clifford E., c-J.....Spanish Fork

Warner, Max, a-JProvo

Warnick, Carl G., ss-c-SProvo

Warnick, Clara B., a-SpProvo

Warnick, Effie, GPleasant Grove

Warnick, Erma, a-FProvo

Wasden, Howard, ss.....Las Vegas, Nev.

Washburn, H. Clyde, a-JProvo

Washburn, DeMonte, fa-SoMonroe

Washburn, V. Fred, a-SoProvo

Washburn, Jesse A., ss-e-SpProvo

Washburn, Kenneth, ap-F

.....Kirtland, New Mexico

Washburn, Myrl, e-SoDraper

Washburn, Roland, a-FProvo

Watkins, Barbara, e-FTremonton

Watkins, Beth, e-FTremonton

Waters, Moniece, ap-So..Spanish Fork

Waters, J. Vaur, e-J.....Spanish Fork

Watson, Erva I., ap-F.....Mesa, Arizona

Watson, Eva I., ap-F.....Mesa, Arizona

Watts, Weldo W., c-FLynnndyl

Weaver, Regina, fa-F.....Whitney, Ida.

Webb, Fred N., GProvo

Webb, Harold J., c-FProvo

Webb, Ina T., G-ssProvo

Webb, John H., e-J.....American Fork

Weber, Gerald, ap-FFreedom, Wyo.

Wedge, Virgil, c-SoCaliente, Nev.

Weeks, Helen, ssPleasant Grove

Weight, Bert H., e-JProvo

Weight, Karl R., c-JSpringville

Weight, Nellie E., ss-SpSpringville

Welch, Helen, fa-FCowley, Wyo.

Welch, Allen T., ss-a-SLehi

Wells, Claire, G-ss-GLehi

Wentz, Lorna C., fa-SoProvo

Wentz, Monta, G-ss	Provo
Wentz, Myrl, G-ss	Provo
Western, Mary G., ss	Deseret
Westover, LaVada, e-So	Mesa, Ariz.
Wheeler, Ellen, fa-Sp	Springville
Wheeler, Helen, e-So	Springville
Wheeler, Melvern S., a-F	Salida, Colo.
Wheeler, Ray D., a-F	Mitchell, Neb.
Whelan, Mabelle, ss	Wadsworth, Nev.
Whetstone, M. Lucile, ss	Lovell, Wyo.
Whetten, Kate A., ss-fa-J	Provo
Whetten, Lester B., G-ss-G	Provo
Whitaker, Susan M., ss-a-J	Provo
White, M. Dean, fa-So	Morgan
White, Deleen, fa-S	Morgan
White, F. Fay, fa-Sp	Provo
White, Faye, e-S	Payson
White, George A., c-J	Beaver
White, Josephine, e-J	Beaver
White, Lois, ss	Beaver
White, Sara, ap-So	Morgan
White, Weston W., ap-F	Provo
Whiteley, Alicebeth, fa-So	
	Oakley, Idaho
Whiting, Quinn A., ss	Mapleton
Whiting, Ray, G	Springville
Whiting, W. Verl, c-So	Springville
Whiting, Wanda, e-F	Wallsburg
Whitlock, Royal, ss	Axtell
Whitman, Jay, e-J	Lehi
Whitman, Laurence S., ss	
	Grand Junction, Colorado
Whitney, Delmar A., fa-Un	
	Brigham City
Whitney, Lavina, ap-So	
	Las Vegas, Nevada
Whittle, Cyril M., ss-Sp	Preston, Ida.
Whitwood, Ernest G., ss	Spanish Fork
Whitwood, Kenneth, a-So	
	Spanish Fork
Wightman, Burnis W., c-So	Payson
Wignall, J. Earl, c-So	Provo
Wignall, J. Lloyd, a-So	Payson
Wilcox, Carlyle W., ss	Pioche, Nev.
Wilcox, Frank R., ss	Caliente, Nev.
Wilde, Roberta V., fa-F	Iona, Idaho
Wilkinson, Elva A., ss-a-Sp	Ogden
Wilkinson, Glen A., ss	Ogden
Willard, Roswell B., a-S	
	Phoenix, Ariz.
Wiley, R. DeVerl, ss-G-Sp	
	Byron, Wyoming
Wiley, Ivan, a-J	Byron, Wyoming
Williams, Alberta, a-S	Morgan
Williams, Annie R., ss	Ogden
Williams, A. Berlin, a-F	Provo
Williams, Jean, ss	Provo
Williams, Lacy, c-F	Provo
Williams, Lloyd B., fa-J	Provo
Williams, Mifflin H., a-F	Malad, Ida.
Williams, Phyllis, e-F	Price
Williams, Russell S., ss	Columbia
Williams, J. Walter, ap-So	Emery
Williamson, David O., a-J	
	Pleasant Grove
Wilson, Antoinette I., e-So	
	Salt Lake City
Wilson, H. Carma, e-F	Roosevelt
Wilson, Dale, e-S	Payson
Wilson, Don C., a-J	Panguitch
Wilson, Harvey H., c-F	Richfield
Wilson, Howard, ss	Payson
Wilson, Jesse E., ss-e-J	Provo
Wilson, Mabel, e-So	Provo
Wilson, O. Meredith, ss-a-S	Provo
Wilson, Mona, c-F	Roosevelt
Wilson, Rebecca, e-Un	Panguitch
Wilson, Ronald L., a-F	
	Holbrook, Arizona
Wilson, Woodrow S., a-F	Provo
Wilson, Clarence G., G	Nephi
Wilson, Florence M., e-F	Nephi
Wing, John H., G	American Fork
Wing, Sherman W., a-J	
	American Fork
Winn, Eden L., ss	Manti
Winn, Norman F., G-ss	Tooele
Winterton, Olive E., ap-J	Provo
Winterton, Zelma E., G	Provo
Winzenried, Wayne A., a-F	
	Byron, Wyoming
Wiscombe, Leland M., c-So	Provo
Wiscombe, Lucille A., ap-Sp	Provo
Wiscombe, J. Reed, a-F	Roosevelt
Wiscombe, J. Ronald, e-S	Roosevelt
Witney, Norma, ap-F	Springville
Wolfley, Annie, ss	Etna, Wyo.
Woffinden, Leta M., e-F	Spanish Fork
Wood, Karl C., ap-F	Monticello
Wood, Lynne K., ss-a-So	Helper
Wood, Merrill E., fa-J	Farmington
Woodland, Kathryn, e-S	Arimo, Ida.
Woodward, Don W., fa-F	Price
Woodward, Emily T., G-ss-G	Provo
Woodward, Jack E., a-F	Salida, Colo.
Woodward, Reta A., ap-F	Wells, Nev.
Wolf, Anthony D., a-So	Provo
Wolf, DeVoe, G-ss-Sp	Salt Lake City
Wolf, Golden L., e-S	
	Magrath, Alta., Canada
Woolley, H. Alexander, c-F	Randlett
Woolston, Harold W., G-ss-G	Lehi
Wootton, Marlowe V., a-F	
	Blackfoot, Idaho
Workman, German B., ss	Neola
Workman, Nellie E., ss	Delta
Worsley, Helen B., ap-J	Provo
Worthen, Vernon, G-ss	St. George
Wride, Leon D., c-F	Benjamin
Wright, Addie M., G	Provo
Wright, Albert H., a-J	Malad, Idaho
Wright, Beth A., c-Sp	Provo
Wright, T. Donald, a-J	
	Pleasant Grove
Wright, Frank W., c-So	Midvale
Wright, Glade M., a-S	Hinckley
Wright, Lynne A., c-J	Provo

Wright, Rosella, ap-F	Hinckley	Young, W. Ernest, e-S-ss	
Wright, Verl, ap-F	Provo	.....Colonia Juarez, Chih., Mex.	
Yancey, Lowell J., ap-F		Young, Helen, ap-So	American Fork
.....Blackfoot, Idaho		Young, Loyd L., a-J	Blanding
Yarbrough, Maurine, fa-J	Ogden	Young, Newel K., G-ss	Richfield
Yates, Huish F., c-J	Salt Lake City	Young, Rhoda J., ap-S	
Yorgason, Robert R., e-S .....		.....Idaho Falls, Idaho	
.....Burlington, Wyoming		Young, Sylvia, e-F	Heber City
Young, Amy M., ss-fa-F		Young, Thelma, e-So	Tucson, Ariz.
.....Colonia Juarez, Chih., Mex.		Young, Theodore K., c-So	
Young, Cecile V., ap-Sp .....		.....Idaho Falls, Idaho	
.....Colonia Juarez, Chih., Mex.		Zabriskie, Arthur I., c-J	Provo
Young, Clifford E., a-F	American Fork	Zabriskie, Louise, c-F	Provo
Young, Clyn, e-F	Blanding	Zeyer, Erwin F., c-F	Melba, Idaho
Young, Delbert H., ap-J	Provo	Zobell, Jerry, a-F	Castle Gate
Young, Edith, a-S	American Fork	Zobell, Kate, a-Sp	Provo
Young, Erma, e-F	Heber City	Zumbrunnen, Naomi V., e-So	Coalville

Summary of Students for 1933-34

Graduates	114	
Seniors	191	
Juniors	316	
Sophomores	383	
Freshmen	729	
Specials	213	
Unmatriculated	60	2006

Summer School 1933:

Graduates	157	
Other University Students.....	373	530

Correspondence and Extension Students....	550
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Secondary Training School:

Senior High School.....	78	
Junior High School.....	61	139

Elementary Training School.....	256
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3481

Less those counted more than once.....	251
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Number receiving institutional credit.....	3230
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Accounting and Business Administration	95
Administrative Officers	6
Admission	53
Agronomy	71
Alpha Kappa Psi	43
Animal Husbandry	75
Art	79
Associated Students	38
Associated Women Students	38
Awards	45
Beta Beta Beta	44
Block "Y" Club	39
Blue Key	44
Board of Trustees	4
Botany	85
B. Y. U. Women's Organization	44
Calendar	5
Chemistry	89
Church School Officers	4
Classification of Students	55
Clothing and Textiles	149
Clubs and Societies	39
College of Applied Science	64
College of Arts and Sciences	64
College of Commerce	66
College of Education	66
College of Fine Arts	69
Commerce	95
Committees, Standing	25
Corresponding Courses	248
Course Divisions	54
Courses of Instruction	71
Credits	55
David Starr Jordan Biology Club	40
Dean of Women	49
Departmental Organizations	40
Departments of Instruction	33
Delta Phi	41
Discipline	48
Drama League, The	41
Drawing	172
Economics	103
Education	107
Educational Administration	107
Election of Studies	54
Elementary Education	114
Elementary School Faculty	255
Endowments	36

Engineering	174
English	127
Entomology	239
Enrollment of Students	272
Extension Division, The	242
Faculty	7
Faculty Fine Arts Club	44
Faculties, L. D. S. Institutes and Seminaries	27
Fees	34
Finance and Banking	98
Foods and Nutrition	152
Fraternities, National	43
French	179
French, German and Spanish Clubs	41
Gamma Phi Omicron	41
General Requirements	53
Geology and Geography	138
German	176
Graduate Club	42
Graduate School	59
Graduates	264
Graduation	56
Greek	184
Group Requirements	58
Hebrew	184
History of University	30
History	143
Home Economics	149
Home Economics Club	41
Horticulture	159
Household Administration	155
Instrumental Music	188
Italian	183
Journalism	135
Landscape Architecture	162
Latin	183
Leadership Week	247
Library	49, 164
Literary Club, The	42
Loan Funds	37
Lyceum	70
Major and Minor Requirements	58
Marketing	100
Master Degree Requirements	60
Mathematics	165
Mechanic Arts	168
Mechanics	168
Medical Director, Function of	48
Modern and Classical Languages	176

Music	185
Non-Student Organizations	44
Office Practice	101
Organization of University	33
Phi Delta Phi	44
Philosophy of Education	118
Phonetics	184
Physical Education	192
Physics	201
Political Science	205
Pre-Engineering Course	65
Pre-Medical Course	65
Pre-Legal Course	65
Presidents' Club	39
Psychology	209
Psychology Club	42
Refunds	36
Religious Education	214
Scholarships	45
Scholarship Honors	62
Secondary Education	122
Secondary School Faculty	255
Secondary School Curriculum	255
Senior High School Courses	260
Social Unit Organization	39
Sociology	224
Spanish	182
Special Scientific and Art Collections	51
Speech	229
Student Expenses	35
Studio Guild	42
Summer Session	69
Summary of Students	293
Tau Kappa Alpha	43
Theory of Music	185
Theta Alpha Phi	43
Training Schools	67, 255
Vocal Music	191
Y Chemical Society, The	43
Yeshara	43
Young Commerce Club	42
Zoology and Entomology	235

